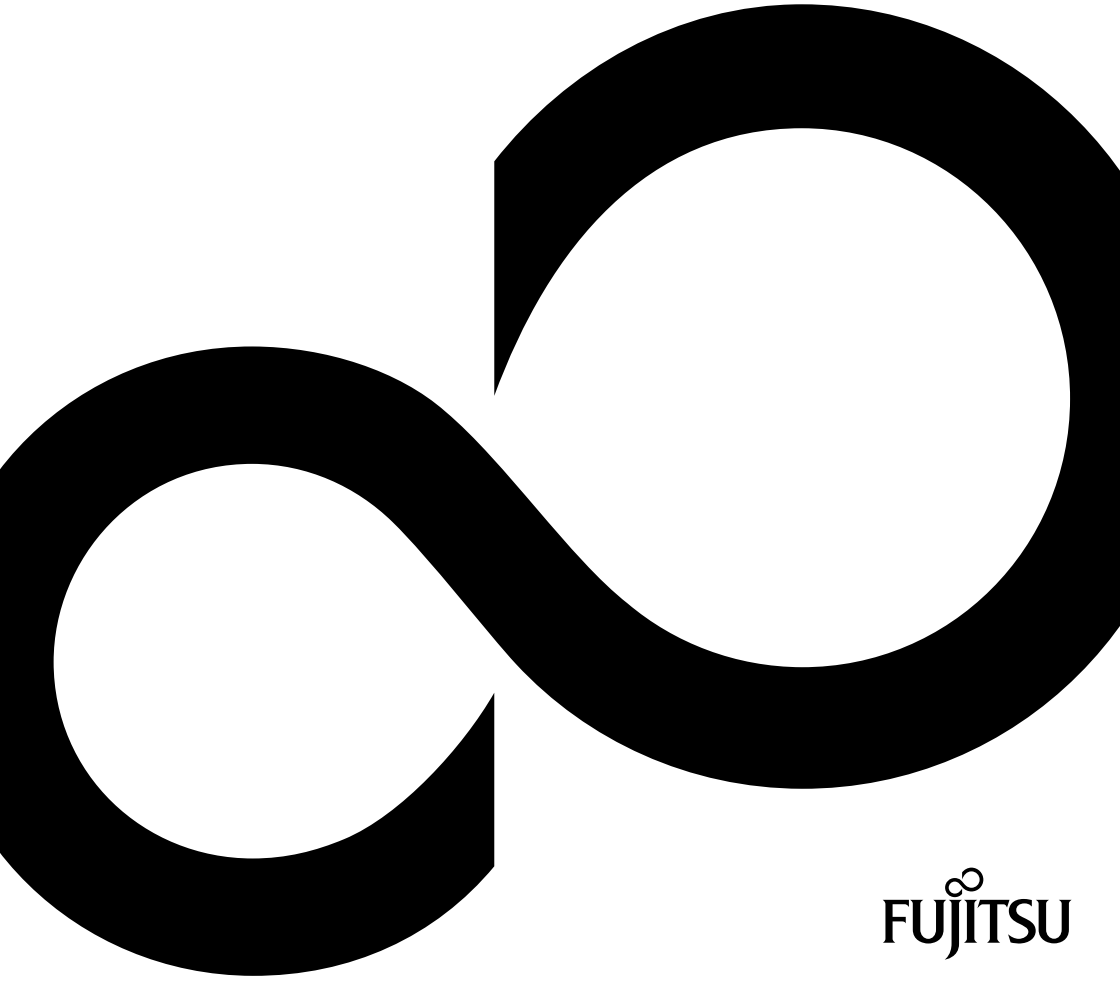
FUJITSU Tablet STYLISTIC R726



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- our Hotline/Service Desk (see the Service Desk list or visit: "http://support.ts.fujitsu.com/contact/servicedesk")
- Your sales partner
- Your sales office

We hope you enjoy working with your new Fujitsu system!

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FUJITSU Tablet STYLISTIC R726

Operating manual

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Innovative technology

... and ergonomic design make your device a reliable and convenient companion.

The device boots very quickly, is ready for immediate use and offers a particularly long operating time because of its high capacity battery.

The user-friendly "BIOS Setup Utility" offers powerful password protection functions which can be used to control your Tablet PC's hardware and protect your system better against unauthorised use.

Information on the connections and controls for your Tablet PC can be found in chapter "Ports and controls", Page 9.

Further information

The Windows drivers for your device can be found on our Internet site. The factory installation of your device does not support any other operating system. Fujitsu Technology Solutions accepts no liability whatsoever if any other operating system is used.

Software oriented components of these instructions refer to Microsoft products, if they come within the scope of the delivery.

If you install other software products, pay attention to the operating instructions of the manufacturer.

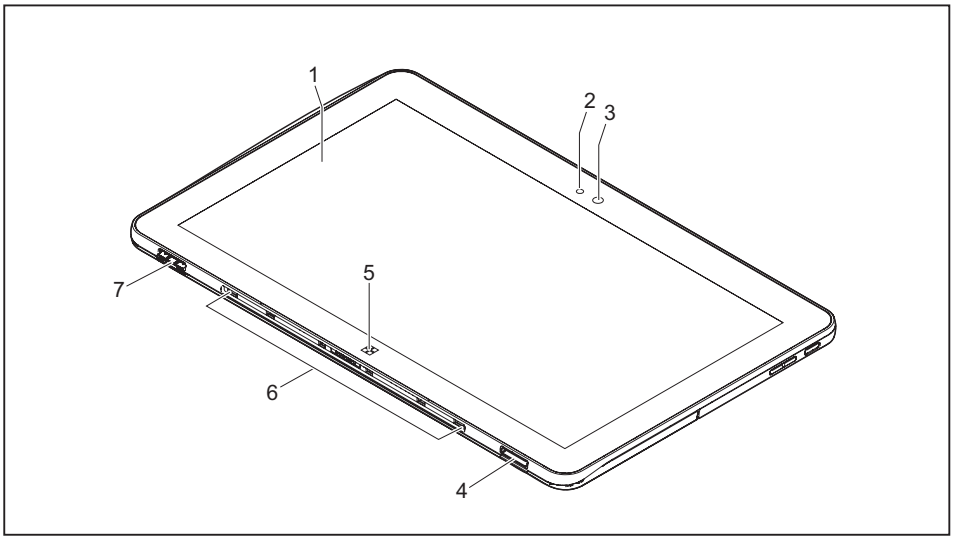
Notational conventions

	Pay particular attention to text marked with this symbol. Failure to observe these warnings could pose a risk to health, damage the device or lead to loss of data. The warranty will be invalidated if the device becomes defective through failure to observe these warnings.
	Indicates important information for the proper use of the device.
►	Indicates an activity that must be performed
↳	Indicates a result
`This font`	indicates data entered using the keyboard in a program dialogue or at the command line, e.g. your password (**`Name123`**) or a command used to start a program (**`start.exe`**)
`This font`	indicates information that is displayed on the screen by a program, e.g.: `Installation is complete.`
This font	indicates • terms and texts used in a software interface, e.g.: Click on *Save* • names of programs or files, e.g. *Windows* or *setup.exe*.
"This font"	indicates • cross-references to another section, e.g. "Safety information" • cross-references to an external source, e.g. a web address: For more information, go to "http://www.fujitsu.com/fts/" • Names of CDs, DVDs and titles or designations for other materials, e.g.: "CD/DVD Drivers & Utilities" or "Safety/Regulations" manual
Key	indicates a key on the keyboard, e.g: F10
This font	indicates terms and texts that are emphasised or highlighted, e.g.: **Do not switch off the device**

Ports and controls

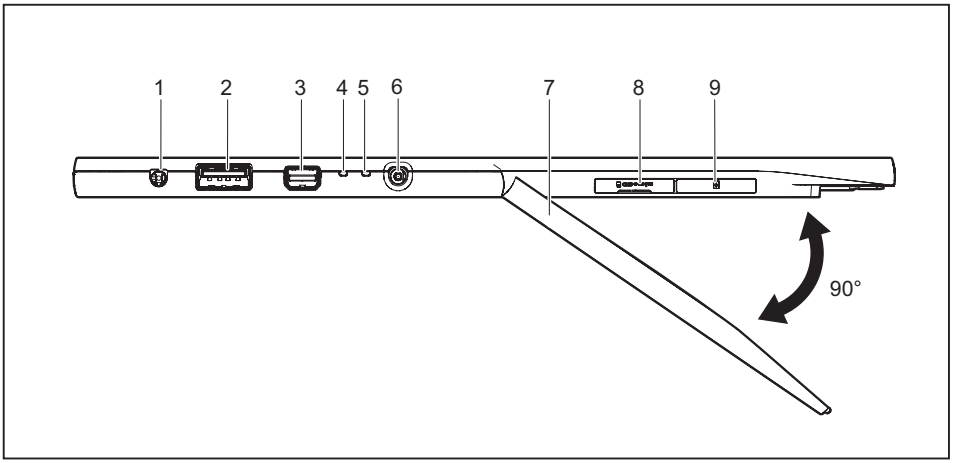
This chapter presents the individual hardware components of your device. It gives you an overview of the device's indicators and connections. Please familiarise yourself with these components before you start to work with the device.

Front



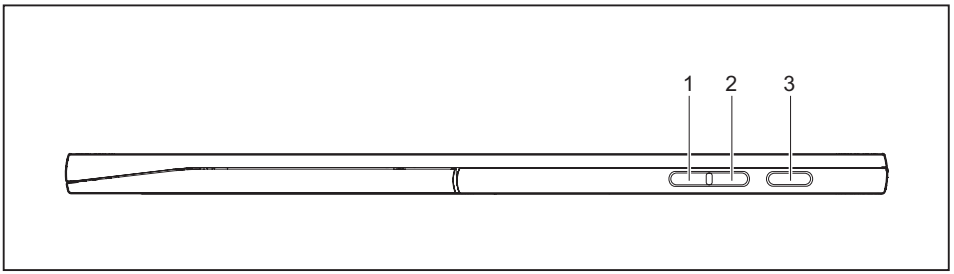
1 = Touchscreen
2 = Ambient light sensor
3 = Camera
4 = Mechanical fixture for cradle
5 = Windows button
6 = Connector bar for the magnetic keyboard
7 = Cradle docking port

Left side



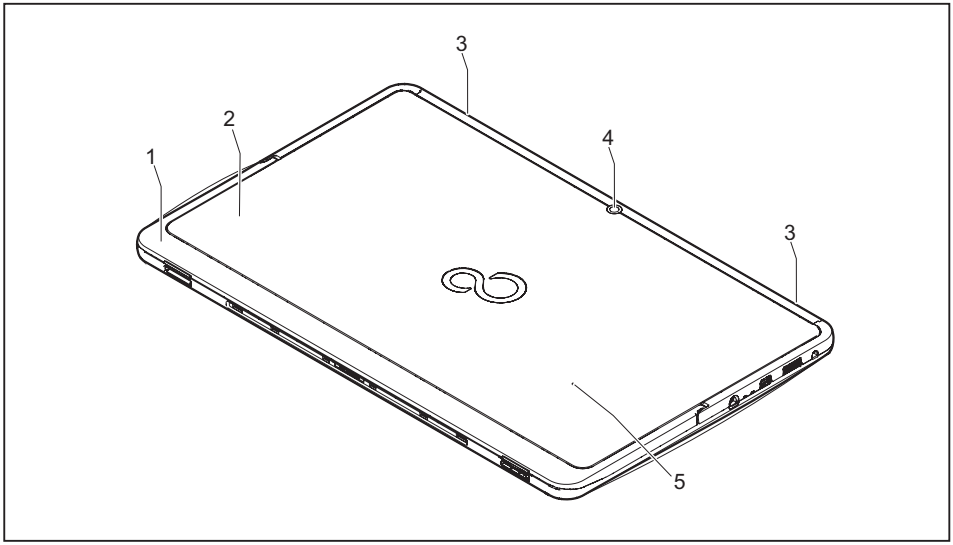
1 = Combined headphone and microphone port
2 = USB port 3.0 with charging function (Anytime USB charge)
3 = Mini DisplayPort
4 = Power-on indicator
5 = Battery charging indicator
6 = DC input connector (DC IN)
7 = Tablet stand
8 = Memory card slot (under the tablet stand, protected by an additional cover)
9 = SIM card slot (under the tablet stand, protected by an additional cover)

Right side



1 = Volume down button
2 = Volume up button
3 = ON/OFF button

Rear



1 = Tablet stand
2 = NFC (Near Field Communication, depending on configuration)
3 = Loudspeaker
4 = Camera
5 = Access to reset button

Important notes

This chapter contains essential safety information which must be followed when working with your Tablet PC. The other notes provide useful information on your Tablet PC.

Safety notes

Please follow the safety notes provided in the "Safety/Regulations" manual as well as the safety notes given below.

Please pay special attention to the sections in the manual marked with the symbol on the left.

When connecting and disconnecting cables, observe the relevant notes in this operating manual.

Read the information on the ambient conditions in the "Technical data", Page 77 chapter and the information in the "First-time setup of your device", Page 16 chapter before preparing your Tablet PC for use and switching it on for the first time.

When cleaning the device, please observe the relevant notes in the section "Cleaning the Tablet PC", Page 15.

Pay attention to the additional safety notes for devices with wireless components provided in the "Safety/Regulations" manual.

This Tablet PC complies with the relevant safety regulations for data processing equipment. If you have questions as to whether you can set up the Tablet PC in the intended environment, please contact your sales point or our hotline/help desk.

Additional safety notes for devices with wireless components

If a wireless component (Wireless LAN/ Bluetooth, UMTS/LTE) is integrated in your Tablet PC, you must be sure to observe the following safety precautions when using your Tablet PC:

- Switch off the wireless components when you are in an aircraft or driving in a car.
- Switch off the wireless components when you are in a hospital, an operating room or near a medical electronics system. The transmitted radio waves can impair the operation of medical devices.
- Switch off the wireless components when you let the device get near flammable gases or into hazardous environments (e.g. petrol station, paintshops), as the transmitted radio waves can cause an explosion or a fire.

For information on how to switch wireless components on and off, see chapter "Switching the wireless components on and off", Page 37.

Caution: device containing magnets

Magnets generate magnetic fields that can damage items or cause technical malfunctions.

Data on magnetic data storage devices (e.g. credit cards, EC cards or other magnetic stripe cards) might be erased.

The operation of pacemakers can be impaired.

Measuring instruments may be affected.

Keep this device away from items that are sensitive to magnetic fields.

Observe the safety distances recommended by the manufacturers. For details, refer to the manufacturer's instructions.

Additional safety notes for the tablet stand

You can operate the device in an upright position on an even surface using the built-in tablet stand.

- ► Open the tablet stand to a maximum angle of 90 degrees. Furthermore, take care that no additional pressure is placed from above onto the Tablet PC when the tablet stand is folded open to its maximum extent. Otherwise the hinge of the tablet stand may be damaged
- ► Do not hold the Tablet PC by the tablet stand when you move the device.
- ► Fully close the tablet stand before you move the device.
- ► When closing the tablet stand, take care that no parts of the body or objects become trapped between the tablet stand and the rear of the Tablet PC.

Protecting the display screen

Do not pour liquids on the device or wash it with a heavily soaked cloth. Do not place items on the top of the screen, or damage may occur.

During normal use of the device, small particles from the environment can become embedded in the pen tip and scratch the screen. The warranty does not cover a scratched screen.

Energy saving

If you will not be using your Tablet PC, switch it off. Switch off any connected external devices when they are not in use. If you use the energy saving functions, the Tablet PC uses less power. You will then be able to work for longer before having to recharge the battery.

Power efficiency is increased and environmental pollution reduced. You save money and help protect the environment.

Energy saving under Windows

- ► Make use of the power management features (see "'Using the power-management features", Page 33").

Travelling with your Tablet PC

Please observe the points listed below when travelling with your Tablet PC.

Before you travel

- ► Back up important data stored on your hard disk.
- ► Switch off the wireless component for data security reasons. With data traffic via a wireless connection, it is also possible for unauthorised third parties to receive data.

Information on activating data encryption is provided in the documentation for your wireless component.

- ► If you wish to use your Tablet PC during a flight, check with the airline whether this is allowed.

When travelling in other countries

- ► If you are travelling abroad, check that the mains adapter can be operated with the local mains voltage. If this is not the case, obtain the appropriate mains adapter for your Tablet PC. Do not use any other voltage converter!
- ► Check whether the local mains voltage and the power cable are compatible. If this is not the case, buy a power cable that matches the local conditions.
- ► Enquire with the corresponding government office of the country you will be travelling in as to whether you may operate the wireless component integrated in your Tablet PC there (also see "CE marking", Page 83).

Transporting the Tablet PC

Protect the Tablet PC from severe shocks and extreme temperatures (e.g., direct sunlight in a car).

- ► Switch off the Tablet PC.
- ► Unplug the mains adapter and all external devices from the power socket.
- ► Disconnect the mains adapter cable and the data cables for all external devices.
- ► To protect against damaging jolts and bumps, use a Tablet PC carrying case to transport your Tablet PC.

Cleaning the Tablet PC

Do not clean any interior parts yourself; leave this job to a service technician.

Only use cleaning products designed for computers. Normal household cleaners and polishes can damage the markings on the keyboard and the Tablet, the paintwork or the Tablet PC itself.

Please ensure that no liquid enters the Tablet PC.

The touchscreen is very sensitive to scratches! Only clean the display surface with a very soft, slightly damp cloth.

► Switch the Tablet PC off.

↳ The casing surfaces may be cleaned with a dry cloth. If particularly dirty, use a damp cloth that has been dipped in water mixed with mild domestic detergent and then carefully wrung out.

First-time setup of your device

Please read the chapter "Important notes", Page 12.

If your device is equipped with a Windows operating system, the necessary hardware drivers and supplied software are already pre-installed.

Before you switch on the device for the first time, connect it to the mains voltage using the mains adapter, see "Mains adapter connecting", Page 19. The mains adapter must be connected during the entire installation process.

A system test is performed when your device is first switched on. Various messages can appear. The display may remain dark for a short time or may flicker.

Please follow the instructions on the screen.

NEVER switch off your device during the first-time setup process.

The battery must be charged if you want to operate your device using the battery.

When used on the move, the built-in battery provides the device with the necessary power. You can increase the operating time by using the available energy-saving functions.

For instructions on how to connect external devices (e.g. mouse, printer) to your Tablet PC, please refer to the operating manual for your device.

Unpacking and checking the device

Should you discover any damage that occurred during transportation, notify your local sales outlet immediately!

- ► Unpack all the individual parts.
- ► Check your device for any visible damage which may have occurred during transportation.

You may need the packaging in the future, if you need to transport your device.

Selecting a location

Select a suitable location for the device before setting it up. Follow the instructions below when doing so:

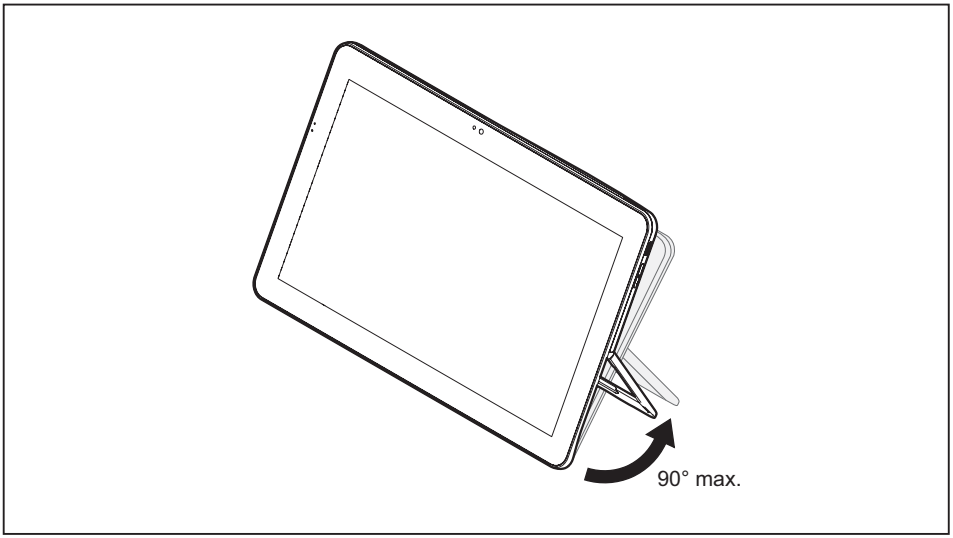
- Never place the device or the mains adapter on a heat-sensitive surface. The surface could be damaged as a result.
- Never place the device on a soft surface (e.g. carpeting, upholstered furniture, bed). This can result in damage caused by overheating.
- The underside of the device heats up during normal operation. Prolonged contact with the skin may become unpleasant or even result in burns.
- Place the device on a stable, flat, non-slippery surface. Please note that the rubber feet of the device may mark certain types of delicate surfaces.
- Keep other objects at least 100 mm / 3.97" away from the device and its mains adapter to ensure adequate ventilation.
- Do not expose the device to extreme environmental conditions. Protect the device against dust, moisture and heat.

Setting up the device

You can operate the device in an upright position on an even surface using the built-in tablet stand.

Make sure that the device is standing safe and securely and be careful that it does not tip over. Otherwise the device may be damaged, particularly the touch screen.

Open the tablet stand to a maximum angle of 90 degrees. Otherwise the hinge of the tablet stand will be damaged.

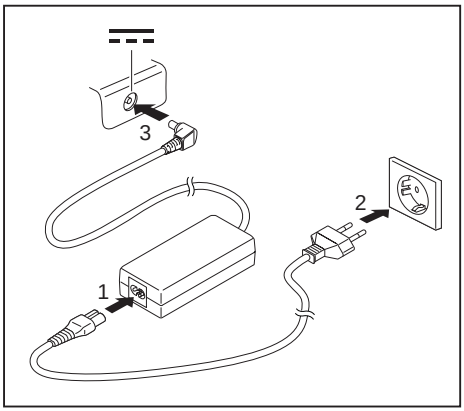


► Open the tablet stand in the direction of the arrow to the desired opening angle.
► Set the device in its place.

Mains adapter connecting

Observe the safety notes in the enclosed "Safety/Regulations" manual.

The supplied power cable conforms to the requirements of the country in which you purchased your device. Make sure that the power cable is approved for use in the country in which you intend to use it.



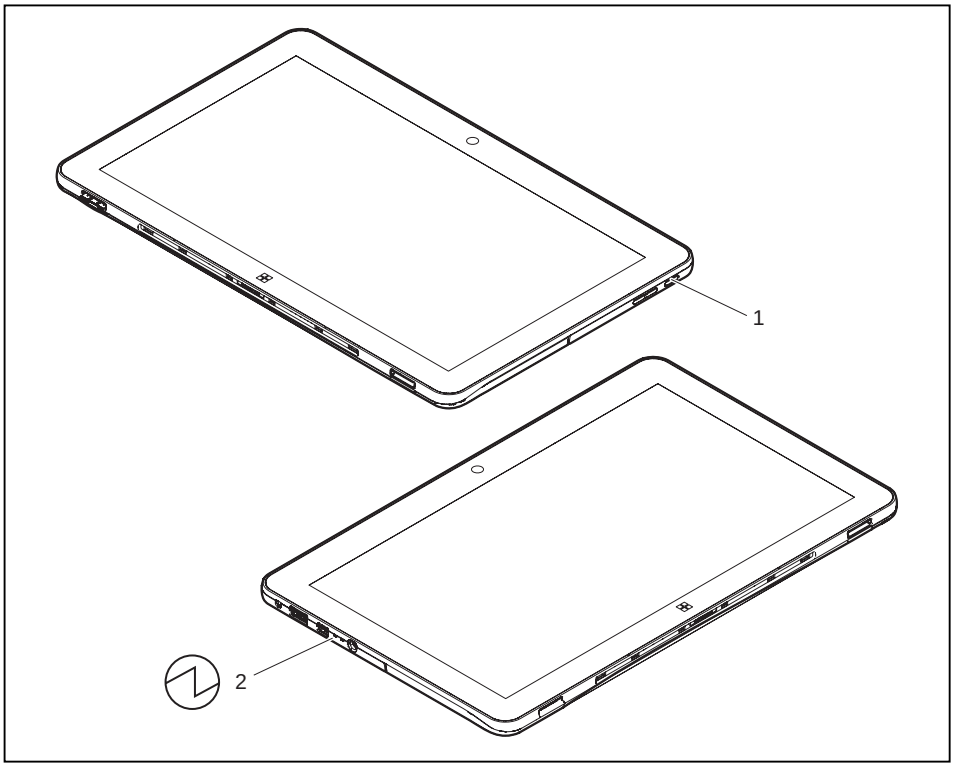
- ► Connect the power cable (1) to the mains adapter.
- ► Plug the mains cable (2) into a mains outlet.
- ► Connect the mains adapter cable (3) to the DC jack (DC IN) of the device.

Switching on the device for the first time

When you switch on the device for the first time, the supplied software is installed and configured. Because this procedure must not be interrupted, you should set aside enough time for it to be fully completed and connect the device to the mains using the mains adapter.

During the installation process, DO NOT restart the device unless you are requested to do so!

To make it easier to use your device for the first time, the operating system is pre-installed on the hard disk.



► Press the ON/OFF button (1) for about one second to switch the device on.
↳ The power-on indicator (2) lights up as long as the system is switched on.
► During installation, follow the instructions on screen.

If a Windows operating system is installed on your device, you will find more information on the system and drivers, help programmes, updates, manuals etc. on the device. This information can also be found on the Internet at "http://www.fujitsu.com/fts/support/".

You can find information and help on the Windows operating system functions on the Internet at "http://windows.microsoft.com".

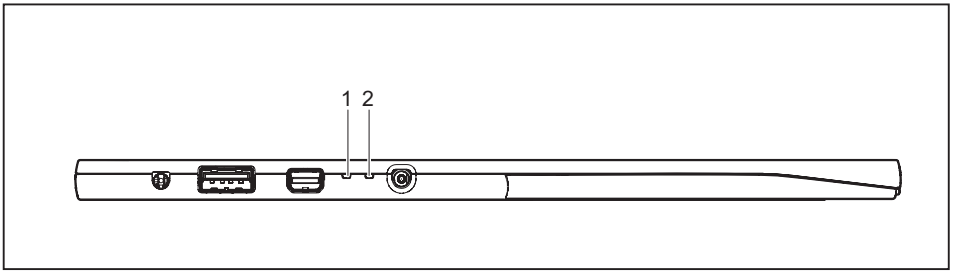
Working with the Tablet PC

This chapter describes the basics for operating your Tablet PC. You can find instructions on how to connect external devices (e.g. mouse, flash memory) to the Tablet PC in the chapter "Connecting external devices", Page 60.

Please refer to the notes in "Important notes", Page 12.

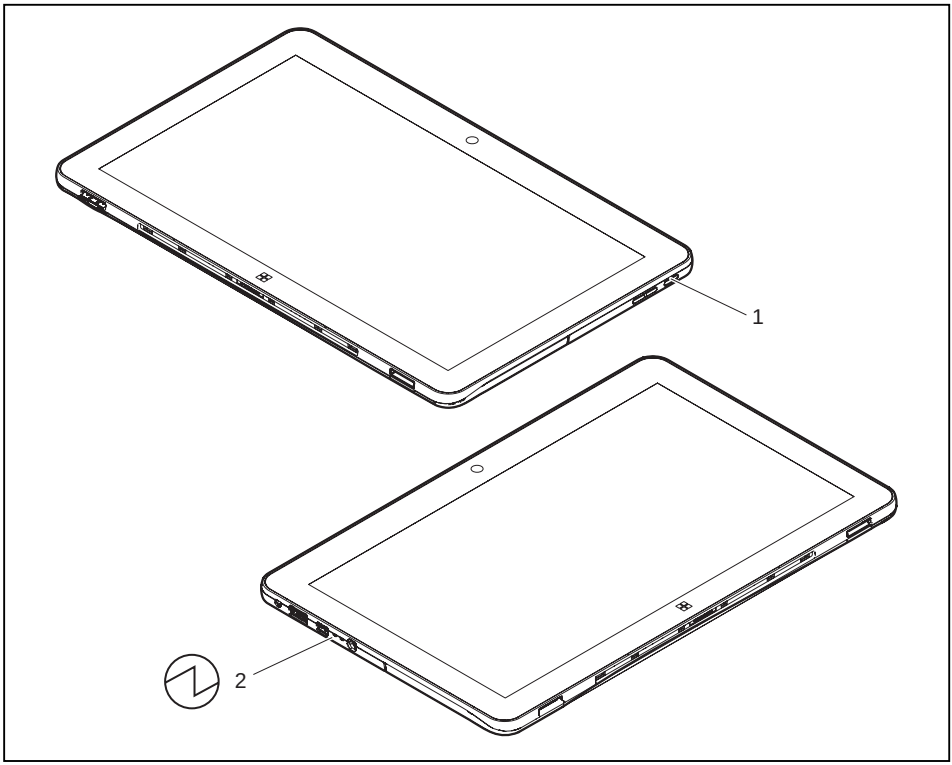
Status indicators

The status indicators (1, 2) provide information about the status of the power supply and the battery.



No.	Status displays	Description
1		**Power-on indicator** • The indicator lights up white: The tablet PC is switched on. • The indicator flashes: The Tablet PC is in sleep mode (Save-to-RAM). • The indicator is not lit: The Tablet PC is switched off or in Save-to-Disk mode.
2		**Battery charging indicator** Please note: If the mains adapter is connected when the state of charge of the battery is more than 90%, charging will not be started. When the state of charge of the battery is less than 90%, the battery will be charged to 100% as soon as the mains adapter is connected. • The indicator is lit orange: The battery is being charged. • The indicator flashes orange: An error has occurred. • The indicator is not lit:The battery is not being charged (the battery is already more than 90% charged or the mains adapter is not connected.)

Switching on the Tablet PC



► Press the ON/OFF button (1) for about one second to switch the device on.
↳ The power-on indicator (2) lights up as long as the system is switched on.

Programming the ON/OFF button

You can program the ON/OFF button:

Operating system	Menu
Windows 10	*Control Panel - Hardware and Sound - Power Options*

If you have assigned a password, you must enter this when requested to do so, in order to start the operating system. Detailed information can be found in the chapter "Security functions", Page 54.

Switching the Tablet PC off

Back up your data and close all applications before you switch off your device. Otherwise data might be lost.

- ► Shut down the operating system correctly.
- ► If the Tablet PC does not switch off automatically, press the ON/OFF button for about five seconds.

Handwriting recognition

For detailed information on handwriting recognition, see the documentation on your operating system.

At present, handwriting recognition under Windows supports the following languages:

English, German, French, Italian, Japanese, Korean, Chinese (traditional and simplified), Dutch, Portuguese, Spanish, Brazilian, Norwegian (Bokmål and Nynorsk), Swedish, Finnish, Danish, Polish, Rumanian, Serbian (Cyrillic and Latin script), Catalan, Russian, Czech and Croatian.

Under Windows you can set the required language under *Control Panel – Time, Language and Region – Language*.

Touch screen

Information on screen resolution can be found in the section "Screen resolutions for integrated screen and external screens", Page 79.

High-quality LCD screens (TFT) are installed in Fujitsu Tablet PCs. For technical reasons, these screens are manufactured for a certain resolution. An optimum and sharp image can only be ensured with the resolution intended for the particular screen. A screen resolution which differs from the specification can result in an unclear image.

The screen resolution of your Tablet PC's touchscreen is optimally set at the factory.

With the present standards of production technology, absolutely flawless screen images cannot be guaranteed. There may be a few constantly light or dark pixels (picture elements) on the screen. The maximum permitted number of such faulty pixels is specified in the international standard ISO 9241-307 (Class II).

Example:

A screen with an HD resolution of 1280 x 1024 has 1310720 pixels. Each pixel consists of three subpixels (red, green and blue), making a total of about 3.9 million subpixels. According to ISO 9241-307 (class II), a maximum of 3 light and 3 dark pixels and in addition 7 light or 13 dark subpixels or an equivalent mix (1 light subpixel counts as 2 dark subpixels) are allowed to be defective.

Pixel	A pixel consists of 3 subpixels, normally red, green and blue. A pixel is the smallest element that can be generated by complete functionality of the display.
Subpixel	A subpixel is a separately addressable internal structure within a pixel that enhances the pixel function.
Cluster	A cluster contains two or more defective pixels or subpixels in a 5 x 5 pixel block.

Background lighting

LCD screens are operated with background lighting. The luminosity of the background lighting can decrease over the period of use of the Tablet PC. However, you can set the brightness of your screen individually.

Ambient light sensor

If your Tablet PC was shipped with the *Windows* operating system, the screen brightness is regulated by the ambient light sensor according to the particular light conditions. This results in optimum readability and longer battery life at the same time.

If your Tablet PC was shipped with Windows 10, the adaptive brightness setting is enabled. To change the ambient light sensor settings, select *Control Panel - System and Security - Power Options - Change plan settings - Change advanced power options - Display - Activate adaptive brightness setting*.

Synchronising the display on the touchscreen and an external monitor

In Windows 10 you can proceed as follows to set the output type:

- ► Wipe your finger over the screen starting from the right-hand edge.
- ► Select *All Settings*.
- ► Look for the keyword "project".
- ► Select the required function.

Select display orientation (portrait or landscape orientation)

You can choose to use either portrait or landscape orientation for the display, or whether the display orientation should automatically adapt to the orientation of the Tablet PC.

The automatic adaptation of the display orientation is disabled while a magnetic keyboard is attached.

You can change these settings under *Control Panel - Hardware and Sound - Windows Mobility Center / Rotate screen*.

In the settings there are profiles saved for operation with different screen orientations. These profiles have preset standard configurations that can be modified as desired.

These settings do not just affect the monitor settings on the tablet PC, but also on any external monitors that may be connected.

Using fingers

You can execute certain commands by using your finger tip on the touchscreen of your device.

Everything which you can select or activate using your finger tip can also be selected or activated using the pen.

Calibrate the Dual Digitizer for finger-based operation of the device

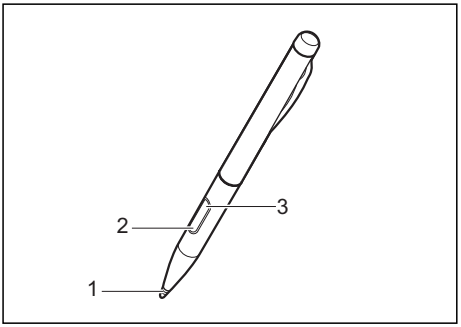
Via the operating system, you must calibrate your tablet PC before first use with your fingers, so that it detects your finger tips as accurately as possible.

As soon as you ascertain that the accuracy is deteriorating, you must recalibrate the device.

Please note: There are separate calibration programs available for calibrating the pen and for calibrating finger-based operation. Do not use the calibration tool for the pen to calibrate finger-based operation.

Operating system	Menu
Windows 10	To calibrate, call up the *Hardware and Sound / Tablet PC Settings* function in the Control Panel. You need to calibrate both portrait and landscape formats.

Using the pen (optional, depending on configuration)



1 = pen tip

2 = pen button (eraser)

3 = pen button (right mouse button, pen wake-up)

You can use the pen on your Tablet PC as an electronic writing implement to select items, and to navigate through programs on it. Programs that support handwriting recognition also allow you to write characters directly on the screen with the pen. You can also use the pen as a drawing tool.

Use only the pen provided with your Tablet PC. Do not use substitutes that were not designed for your Tablet PC. Replace the pen tip if it is worn. The warranty does not cover a scratched screen.

While writing, you should take care not to scratch the surface of the display (e.g. with a wristwatch or bracelet).

The Tablet PC's pen is an electronic instrument that can be damaged if used improperly. Handle the pen with care.

The following list contains guidelines for proper pen handling:

- Do not gesture with the pen.
- Do not use the pen as a pointer.
- Do not use the pen on surfaces other than the screen of the Tablet PC.
- Do not try to twist the thumb grip on the pen. The grip is used to place the pen in its slot or to remove it from its slot.
- Never store the pen with the tip bearing the weight of the pen (e.g. with the tip down in a pen slot). If the pen is stored with the tip pointing down, this may have an adverse effect on the pen mechanism (particularly under high temperatures). In this case the pen tip may react as though it is constantly being pressed down. To avoid damage, the pen should be stored in the pen slot when not in use.

The pen can be influenced by electromagnetic fields (cursor quivers or jumps). There may be a few areas on the screen where the cursor quivers slightly in spite of pressing the pen down firmly.

The screen responds to entries made with the tip of the finger or the pen when the tip of the finger or the pen is in direct contact with the screen.

You can use the pen to run all functions for which you would otherwise use a mouse.

Handling	Mouse	Pen
Selecting menu items	Click with the left-hand mouse button.	Touch the menu entry with the pen tip.
Starting programs	Double click with the left-hand mouse button.	Briefly touch the program icon twice with the pen tip.
Moving an object/window	Drag with the left-hand mouse button held pressed.	Place the pen tip directly on the object/window. Hold the pen tip pressed against the screen. Move the desired object/window.
Opening a context menu	Click with the right-hand mouse button.	Place the pen directly on the required element and hold the pen pressed against the screen.
Moving the cursor	-	Place the pen tip directly on the screen.

Energy saving functions of the pen

In order to save energy, the pen automatically enters idle mode after 5 minutes of inactivity (lower energy consumption than in active mode), and sleep mode after 10 minutes (lower energy consumption than in suspend mode).

You can set the pen to active mode again using the upper pen button.

Setting the pen

Operating system	Menu
Windows 10	Under *System Control - Hardware and Sound - Pen and Touch* you can make various settings for the pen.

Calibrating the pen

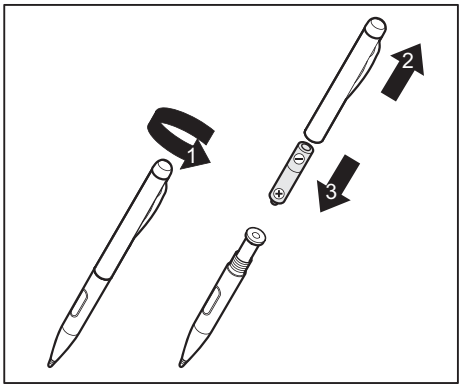
Via the operating system, you must calibrate your tablet PC before first use with the pen, so that it recognises the pen as accurately as possible.

You should also always repeat the calibration if the co-ordination between the pen and cursor movement deteriorates.

Operating system	Menu
Windows 10	To calibrate, call up the *Hardware and Sound / Tablet PC Settings* function in the Control Panel. You need to calibrate both portrait and landscape formats.

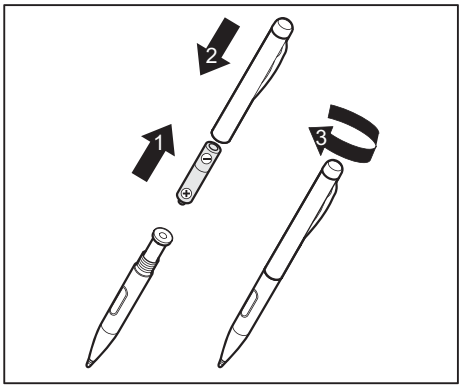
Removing the pen battery

The pen contains one AAAA battery.



- ► Turn the pen cap in the direction of the arrow (1) and lift it away from the pen (2).
- ► Remove the battery from the pen cap (3).

Installing the pen battery

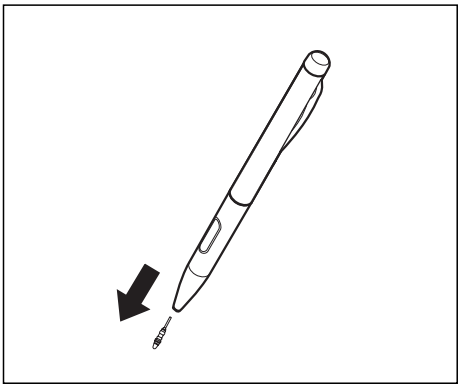


- ► Insert the new battery into the pen cap (1).
- ► Place the pen cap on the pen (2) and screw it down in the direction of the arrow (3).

Changing the pen tip

With use, the pen tip may become worn or may pick up foreign particles that can scratch the screen. A damaged or worn tip may not move freely, causing unpredictable results when using the pen.

If these problems appear with your pen, you should change the pen tip.



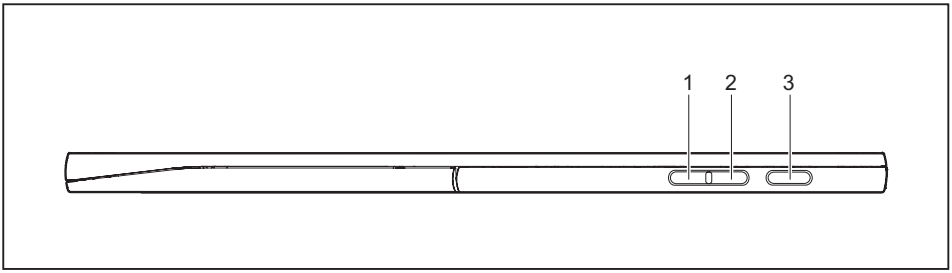
- ► Pull the pen tip from the pen.
- ► Replace the pen tip with one of the replacement tips that were supplied your pen. Insert the pointed end of the pen tip into the barrel and push it in gently until it is in place.

i

Do not continue to use a tip which is worn or damaged.

Volume rocker

In addition to the ON/OFF button (3), your Tablet PC is also equipped with a volume rocker (1,2).



No.	Description	Functions
1	Volume down button	Decrease the volume. Keeping the volume down button pressed after turning on the Tablet PC, the Boot Menu is started (this corresponds to the F12 key on a keyboard). During PXE boot the volume down button also corresponds to the F12 key on a keyboard.
2	Volume up button	Increase the volume. Keeping the volume up button pressed after turning on the Tablet PC, the BIOS Setup is started (this corresponds to the F2 key on a keyboard).
3	ON/OFF button	Switch the device on or off

Camera

Your device has two cameras: one on the front of the device and one on the back.

Depending on the software used, you can use your camera to take pictures, record video clips or take part in web chats.

- The picture quality depends on the lighting conditions and the software being used.
- You can only use the camera with a particular application (e.g. an Internet telephony program or a video conferencing program which supports a camera).
- When using the camera, the Tablet PC support must not shake.
- The camera automatically adjusts itself to the current light level. For this reason the touchscreen may flicker while the light level is adjusted.

Further information on use of the camera and additional settings can be found in the Help function of the program which uses the camera.

Rechargeable battery

For mobile use, the built-in battery provides the Tablet PC with the necessary power. You can increase the life of the battery by caring for the battery properly. The average battery life is around 500 charge/discharge cycles.

You can extend the battery life by taking advantage of the available energy saving functions.

Charging and maintaining the battery

The Tablet PC battery can only be charged when the ambient temperature is between 5°C / 41 °F and max. 35°C / 95°F.

You can charge the battery by connecting the Tablet PC to the mains adapter (see "Mains adapter connecting", Page 19).

If the mains adapter is connected when the state of charge of the battery is more than 90%, charging will not be started. When the state of charge of the battery is less than 90%, the battery will be charged to 100% as soon as the mains adapter is connected.

If the battery is running low you will hear a warning alarm. If you do not connect the mains adapter within five minutes of the warning alarm described above, your Tablet PC will switch off automatically.

Monitoring the battery charging level

In the system bar / status display there is a battery symbol shown for monitoring the battery capacity. The battery symbol shows you the battery charge.

Using the power-management features

The Tablet PC uses less power when the power management features are enabled. You will then be able to work longer when using the battery before having to recharge it.

Power efficiency is increased and environmental pollution reduced. By choosing the best power options, you can make significant savings and at the same time help protect the environment.

► Select the power management functions in your Control Panel.

The recommended settings for the Windows energy saving functions are predefined as "Fujitsu EcoSettings" in the Power Options of the Control Panel and can be displayed there.

When the Tablet PC is in power saving mode, you must remember the following:

During power saving mode, open files are held in the main memory or in a swap file on the hard disk.

Never switch off the Tablet PC while it is in a power saving mode. If the built-in battery is nearly flat, close the open files and do not go into power saving mode.

If you do not intend to use your Tablet PC for a long period of time:

► Exit the power saving mode if necessary via touching the screen or by switching on the Tablet PC.

► Close all opened programs and completely shut down the Tablet PC.

Memory cards

Your Tablet PC is equipped with an integrated memory card reader. You can use memory cards to increase the storage of your Tablet PC.

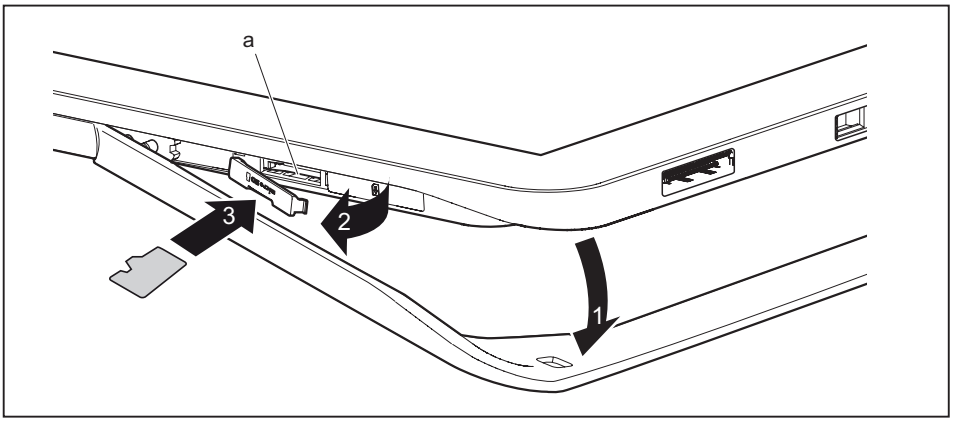
Observe the manufacturer's instructions when handling the memory cards.

Supported formats

It supports the following formats:

- Micro Secure Digital (microSD™ Card)
- microSDHC
- microSDXC

Inserting the memory card



► Fold out the tablet stand (1).

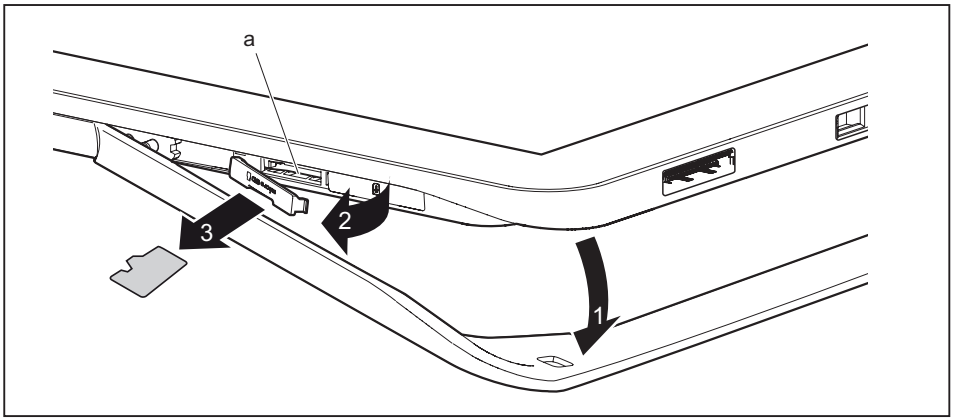
► Open the slot cover (2).

► Carefully push the memory card into the slot (a) in the direction of the arrow (3) until it clicks into place. The label area must be facing downwards. Do not apply any force, otherwise the delicate contact surfaces could be damaged.

► Close the slot cover again.

Removing the memory card

To avoid any loss of data, always follow the correct procedure for removing the card (see the documentation for your operating system).



- ► Fold out the tablet stand (1).
- ► Open the slot cover (2).
- ► Press the edge of the memory card so that the memory card jumps slightly out of the slot (a).
- ► Pull the memory card out of the slot (a) in the direction of the arrow (3).
- ► Close the slot cover again.

SIM card

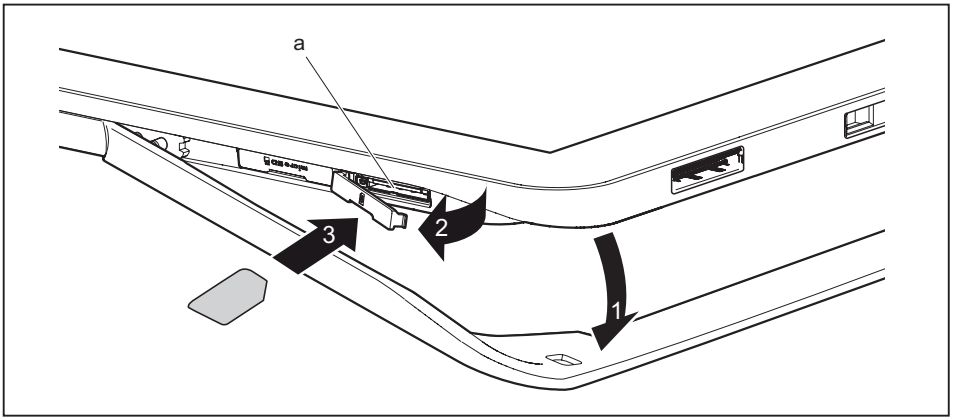
A SIM card (Subscriber Identity Module) is a chip card which is inserted in a mobile telephone or Tablet PC and, together with an integrated UMTS/LTE module, enables access to a mobile network.

Please follow the instructions supplied by the provider when handling the SIM card. If you do not feel the SIM card engage as you insert it, use a pointed object to insert the SIM card.

Please note that the SIM card format must be micro-SIM (3FF). Other SIM card formats, such as full-size (1FF), mini-SIM (2FF) or nano-SIM (4FF) do not fit in the SIM card slot of your tablet PC.

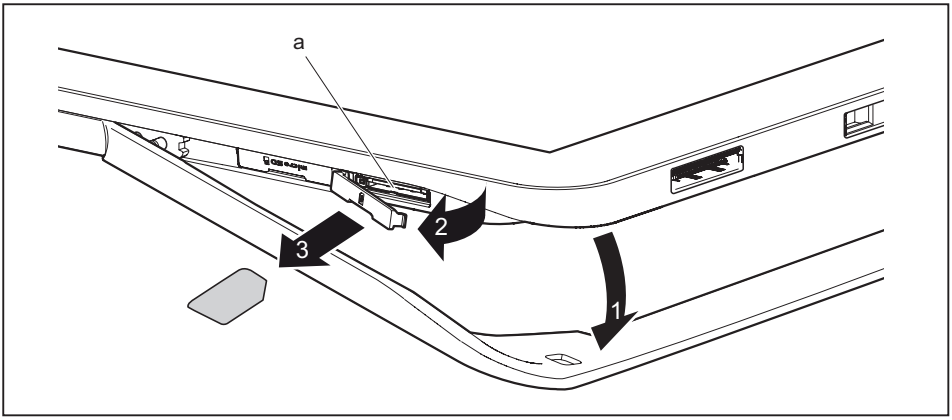
Please do not insert any other format of SIM card as they could twist or even damage the system.

Inserting the SIM card



- ► Fold out the tablet stand (1).
- ► Open the slot cover (2).
- ► Carefully push the SIM card card into the slot (a) in the direction of the arrow (3) until it clicks into place. The label area must be facing downwards. Do not apply any force, otherwise the delicate contact surfaces could be damaged.
- ► Close the slot cover again.

Removing a SIM card



- ► Fold out the tablet stand (1).
- ► Open the slot cover (2).
- ► Press on the edge of the SIM card so that it jumps up slightly out of the slot (a).
- ► Pull the SIM card out of the slot (a) in the direction of the arrow (3).
- ► Close the slot cover again.

Wireless LAN / Bluetooth / UMTS / LTE / NFC wireless components (depending on configuration)

The installation of wireless components not approved by Fujitsu will invalidate the certifications issued for this device.

Switching the wireless components on and off

The wireless components are switched on and off via the corresponding functions of the operating system.

- ► To switch wireless components on and off individually, select *Settings – Network & Internet*.

Setting up WLAN access

- Requirement: A WLAN must be available and you must have the corresponding access information.

Information on configuring the WLAN access can be found in the documentation for your operating system.

NFC (Near Field Communication, depending on configuration)

Depending on the configuration chosen, your Tablet PC may be equipped with an integrated NFC chip. Near field communication is used for contact-free data exchange by wireless transmission over short distances (a few centimetres).

Access via UMTS / LTE

If you ordered an integrated UMTS/LTE module with your system, you can enjoy optimum reception and maximum energy efficiency without any awkward cables or antennas. An installed UMTS/LTE module is ready for immediate use.

If you did not order a UMTS / LTE module, you can purchase the accessories for UMTS / LTE reception from your retailer or your Fujitsu Technology Solutions dealer.

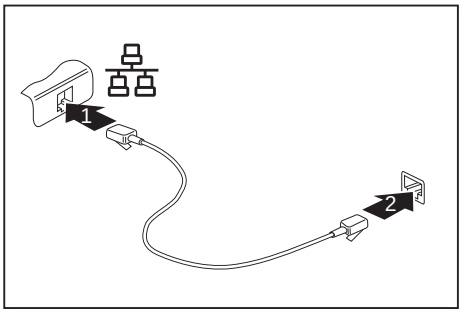
You will find information on establishing the connection with the UMTS / LTE network in the documentation for the hardware used.

Your device can connect to the Internet via UMTS / LTE. To do this, use one of the following types of connection:

- Integrated UMTS / LTE module (availability dependent on your model variant)
- a USB dongle (a USB stick with your mobile phone provider's SIM card)
- a mobile end-device (e.g. mobile phone with Bluetooth or cable connection)

Ethernet and LAN (only with cradle)

The internal network module of your Tablet PC supports Ethernet LAN. You can use it to establish a connection to a local network (LAN = Local Area Network).



- ► Connect the network cable to the LAN port of the cradle (1).
- ► Connect the network cable to your network connection (2).

Your network administrator can help you to configure and use the LAN connections.

The network cable is not included in the delivery scope. This type of cable can be obtained from a specialist dealer.

GPS

Whether your device has this function depends on the chosen device configuration with UMTS / LTE.

Accessories for your Tablet PC (optional)

The following accessories are available for your Tablet PC:

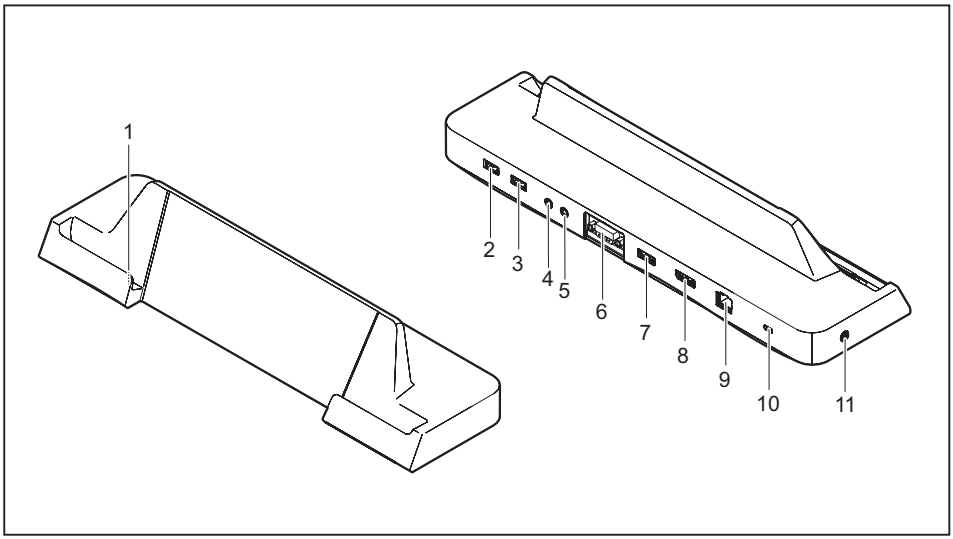
- Cradle for charging the Tablet PC and with additional ports
- Magnetic keyboard with cover function
- Conversion adapter: MiniDP - VGA, MiniDP - HDMI and USB - LAN

The following sections provide more information on handling the accessories.

Your cradle (optional)

Your cradle is a device which helps you to quickly connect your Tablet PC to your peripheral devices, such as a display, keyboard, mouse, etc. You only need to dock the Tablet PC in order to work with your peripheral devices.

Cradle components



1 = Docking port
2 = USB port (USB 3.0)
3 = USB port (USB 3.0)
4 = Microphone port
5 = Headphone port
6 = VGA monitor port
7 = HDMI port
8 = DisplayPort
9 = LAN port
10 = Security Lock device
11 = DC input connector (DC IN)

Information on screen resolution can be found in the section "Screen resolutions for integrated screen and external screens", Page 79.

Setting up the cradle

Select a suitable location for the cradle before setting it up. Follow the instructions below when doing so:

- Place the cradle on a flat, stable, nonslippery surface.
- Never place the cradle and the mains adapter on a heat-sensitive surface.
- Do not expose the cradle to extreme environmental conditions.
- Protect the cradle from dust, humidity and heat.

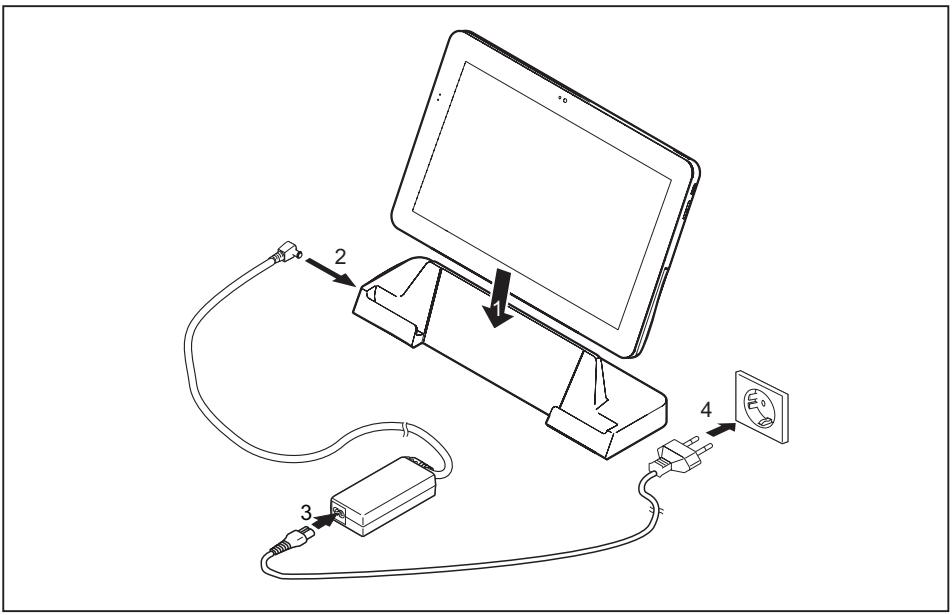
Connecting the Tablet PC to the cradle

It is possible to connect the Tablet PC to the cradle during operation.

Disconnect the mains adapter from the Tablet PC before connecting the Tablet PC to the cradle.

If the Tablet PC is connected to the cradle, you must connect the mains adapter to the cradle.

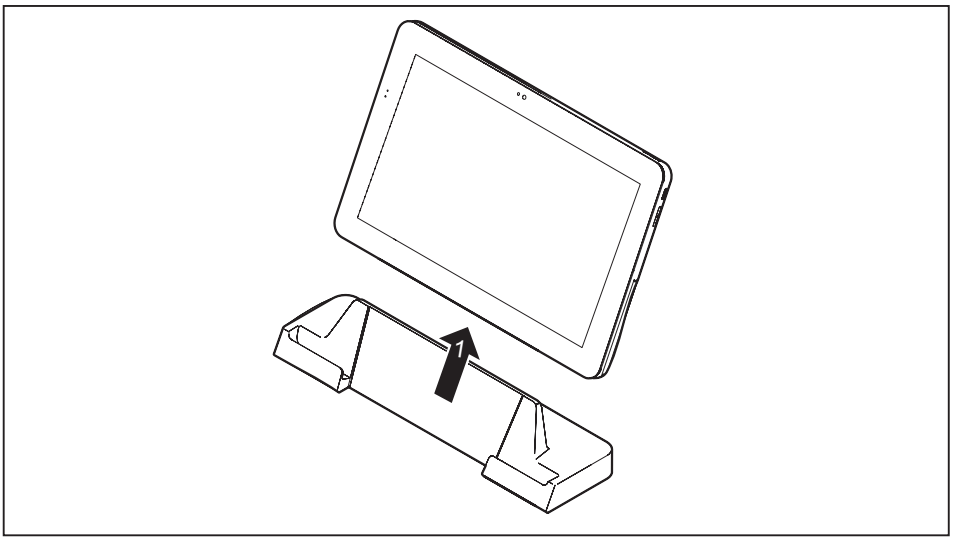
- ► Remove the power plug of the mains adapter from the mains socket.
- ► Pull the mains adapter cable out of the DC jack (DC IN) of the Tablet PC.
- ► Fold in the tablet stand so that it lies flat on the back of the Tablet PC.



- ► Position the Tablet PC so that it lies on the surface of the tray on the cradle.
- ► Press the Tablet PC in the direction of the arrow (1) onto the cradle until you feel it engage on the connector.
- ► Plug the DC output connector on the mains adapter into the DC input connector (DC IN) on the cradle (2).
- ► Connect the power cable to the mains adapter (3).
- ► Plug the power cable into the mains socket (4).

Disconnecting the Tablet PC from the cradle

It is possible to separate the Tablet PC from the cradle during operation.

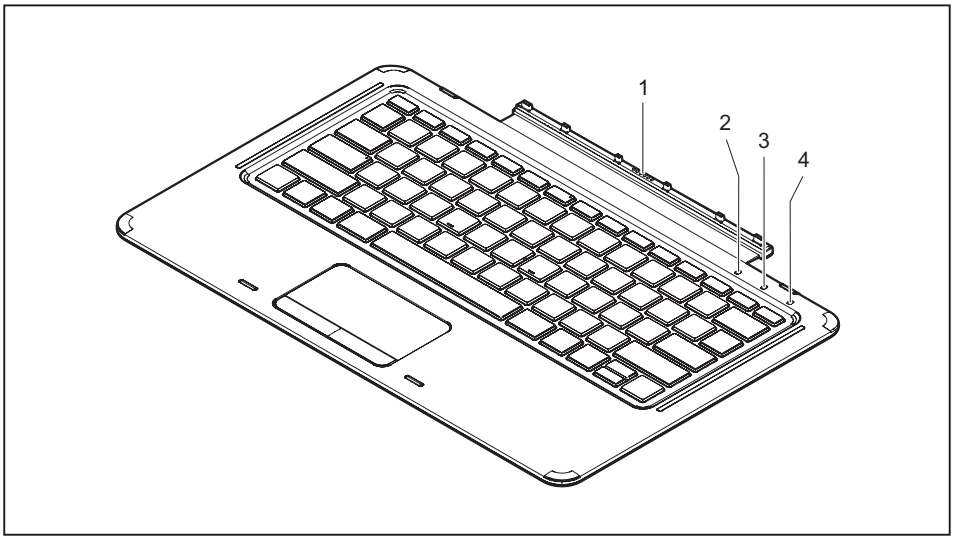


► While holding the lower area of the cradle, lift the Tablet PC in the direction of the arrow and away from the cradle (1).

Magnetic keyboard (optional)

The magnetic keyboard is a device which is optimised for the convenient input of text. You only need to dock the Tablet PC.

Components of the magnetic keyboard



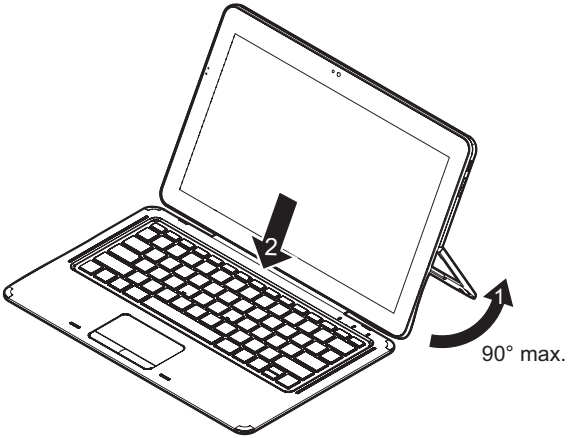
1 = Docking port for the Tablet PC

2 = Num Lock indicator (switch virtual keypad on and off)

3 = Caps Lock indicator (switch upper case writing function on and off)

4 = Scroll indicator (Scroll Lock, function depends on application program)

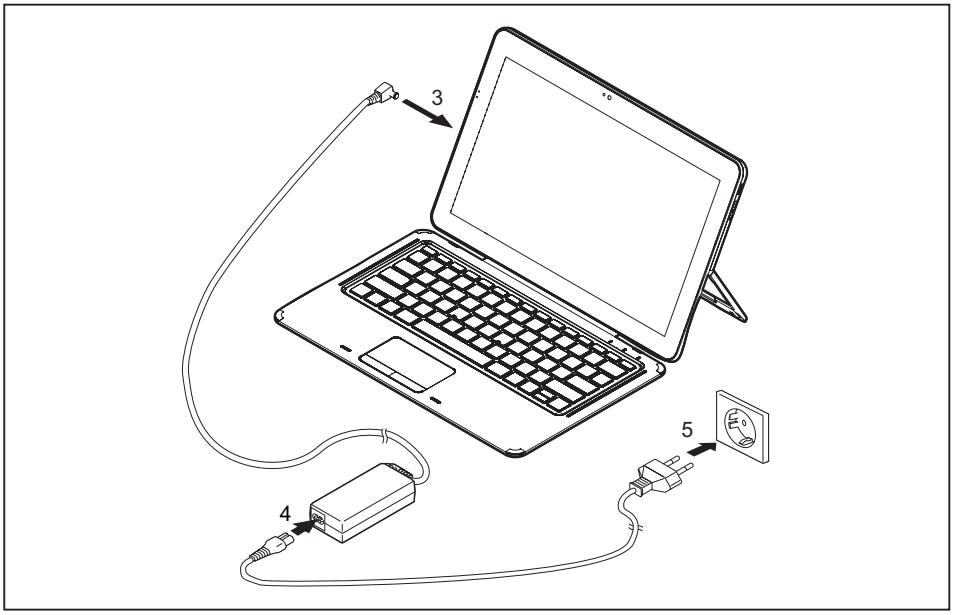
Connecting the Tablet PC to the magnetic keyboard



► Fold out the tablet stand (1).

Open the tablet stand to a maximum angle of 90 degrees. Otherwise the hinge of the tablet stand will be damaged.

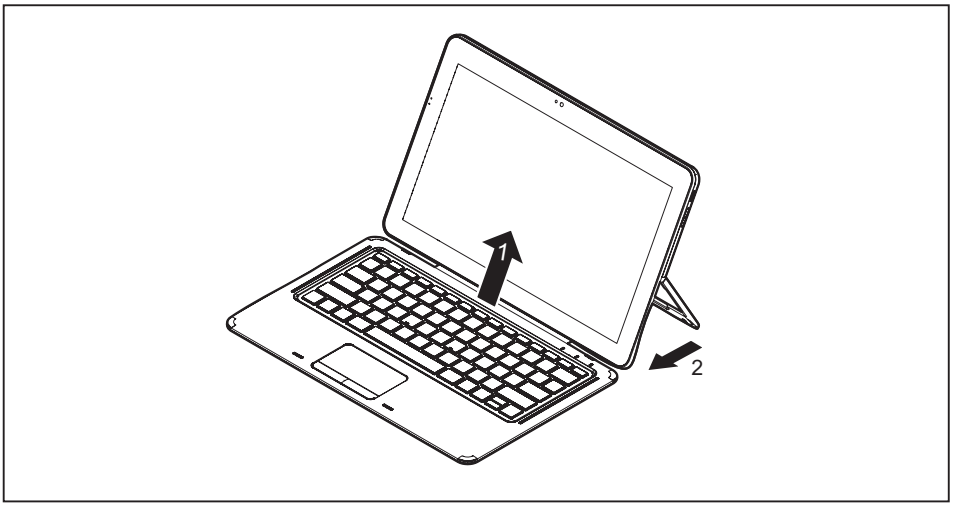
► Position the Tablet PC so that the docking ports of the Tablet PC and the magnetic keyboard approach in the direction of the arrow (2) and the magnetic connection clicks into place.



- ► Connect the mains adapter cable to the DC input connector (DC IN) on the Tablet PC (3).
- ► Connect the mains cable to the mains adapter (4).
- ► Plug the power cable into the mains socket (5).

Disconnecting the Tablet PC from the magnetic keyboard

It is possible to disconnect the Tablet PC from the magnetic keyboard while it is operating.



► While holding the lower area of the magnetic keyboard, lift the Tablet PC away from the magnetic keyboard in the direction of the arrow (1).

► Fold in the tablet stand again (2).

Using the device with a cradle and magnetic keyboard (optional)

If you have both a cradle and a magnetic keyboard, you can also use the device with these two accessory components.

Connecting the Tablet PC with magnetic keyboard to the cradle

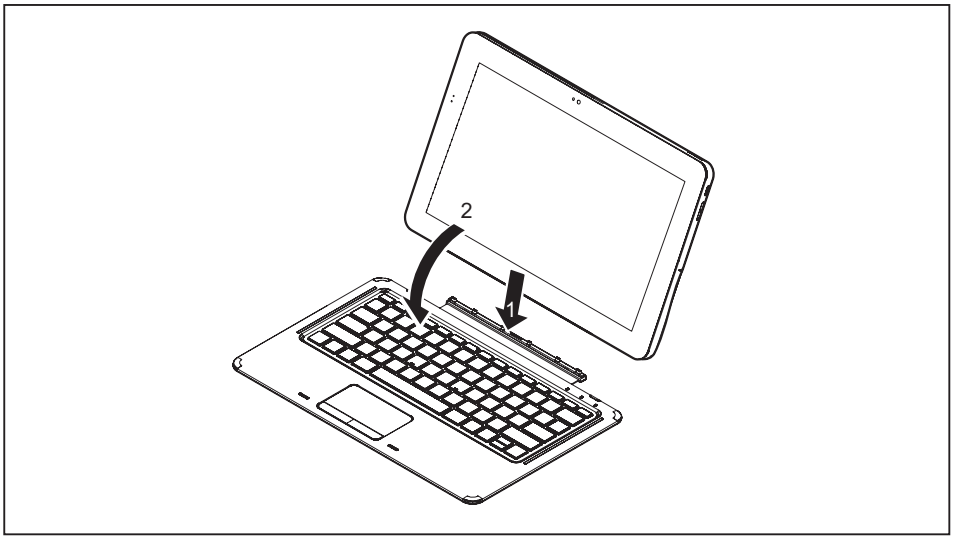
The magnetic keyboard must be connected to the Tablet PC first, before you connect the Tablet PC to the cradle.

It is possible to connect the Tablet PC to the cradle while it is operating.

Disconnect the mains adapter from the Tablet PC before you connect the Tablet PC to the cradle.

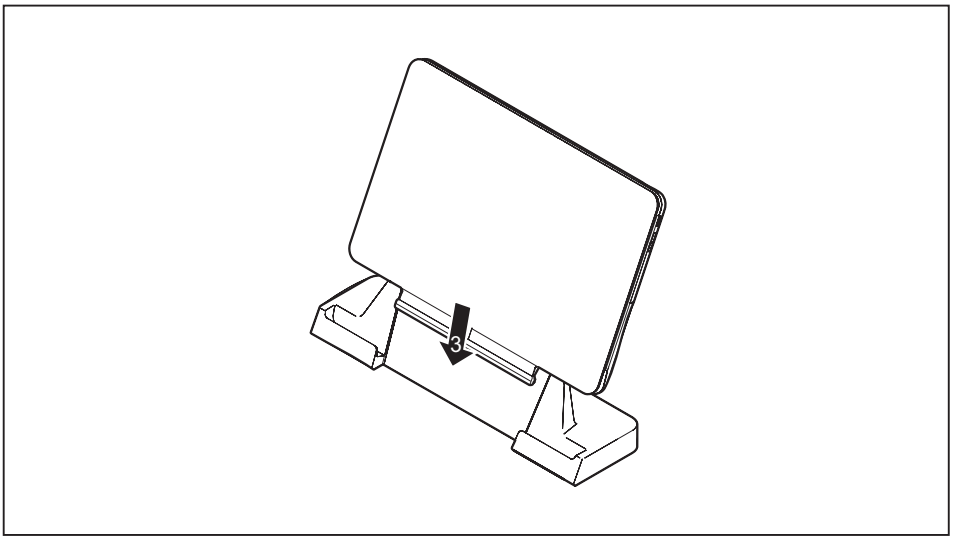
If the Tablet PC is connected to the cradle, you must connect the mains adapter to the cradle.

► Pull the mains adapter cable out of the DC jack (DC IN) of the Tablet PC.

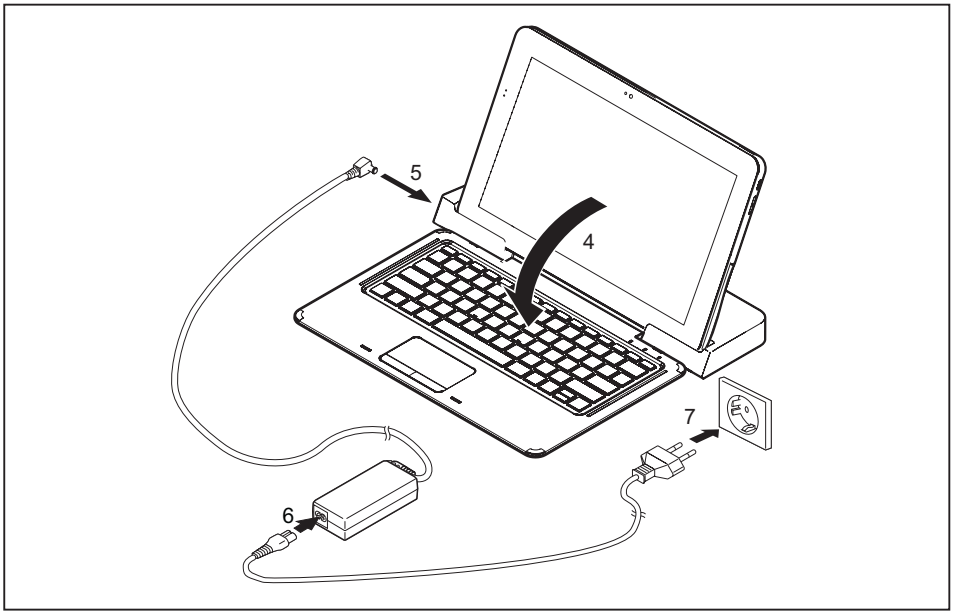


► Connect the Tablet PC to the magnetic keyboard (1) as described in the section "Connecting the Tablet PC to the magnetic keyboard", Page 46.

► Fold the Tablet PC and the magnetic keyboard (2).



- ► Position the Tablet PC with the magnetic keyboard so that it lies on the surface of the tray on the cradle.
- ► Press the Tablet PC in the direction of the arrow (3) onto the cradle until you feel it engage on the connector.

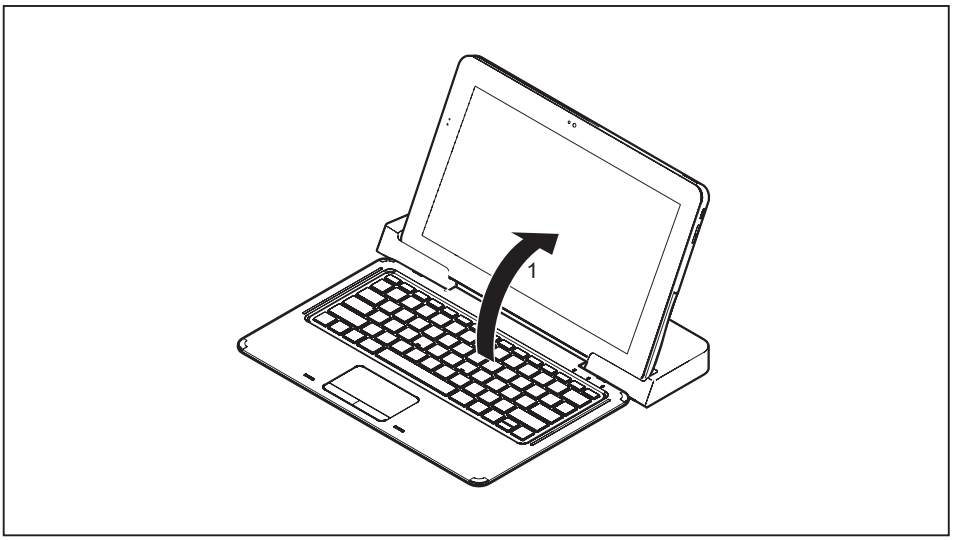


- ► Fold down the magnetic keyboard in the direction of the arrow (4).
- ► Plug the adapter cable into the DC input connector (DC IN) on the cradle (5).
- ► Connect the mains cable to the mains adapter (6).
- ► Plug the mains cable into the mains socket (7).

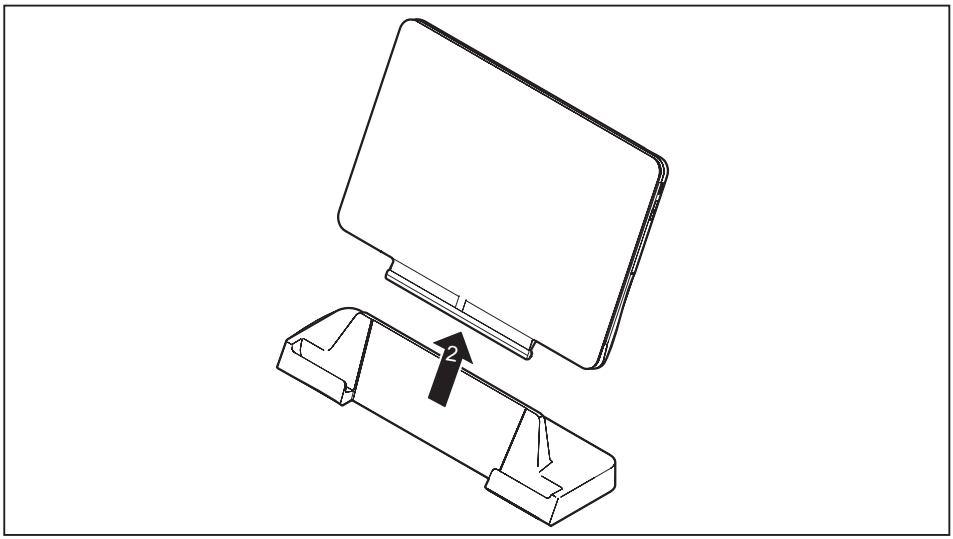
Disconnecting the Tablet PC with magnetic keyboard from the cradle

It is possible to disconnect the Tablet PC from the cradle during operation:

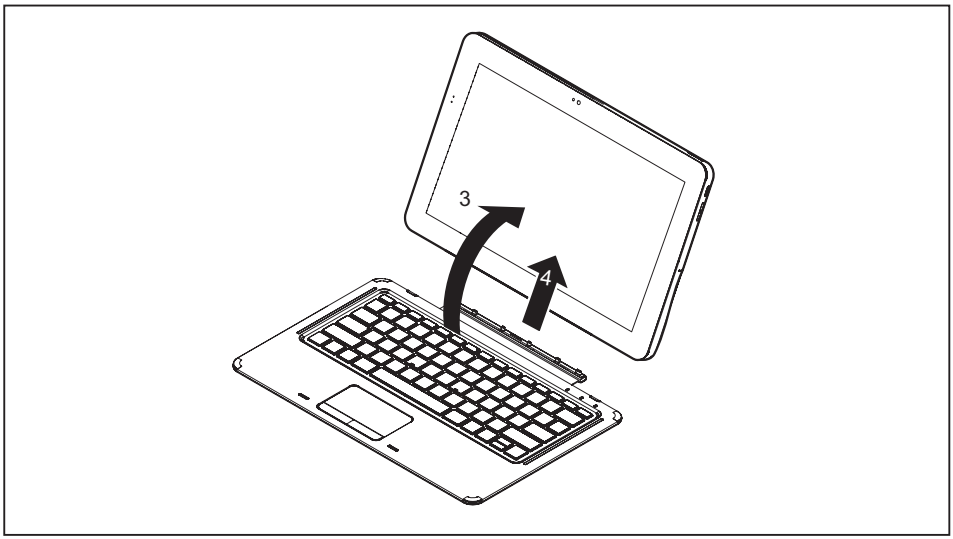
You must disconnect first the Tablet PC from the cradle before you can remove the keyboard. Attempting to remove the keyboard while the Tablet PC is in the cradle can damage the magnetic keyboard.



► Fold the magnetic keyboard in the direction of the arrow (1).



► While holding the lower area of the cradle, lift the Tablet PC with the magnetic keyboard from the cradle in the direction of the arrow (2).



► Fold the Tablet PC in the direction of the arrow (3).

► While holding the lower area of the magnetic keyboard, lift the Tablet PC away from the magnetic keyboard in the direction of the arrow (4).

Security functions

Your Tablet PC has several security features that you can use to secure your system from unauthorised access.

This chapter explains how to use each function, and what the benefits are.

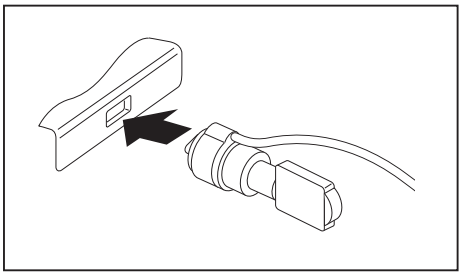
Please remember that in some cases, for example, forgetting your password, you may be locked out and unable to access your data. Therefore, please note the following information:

- Back up your data on external data carriers at regular intervals.
- Some security functions need you to choose passwords. Make a note of the passwords and keep them in a safe place.

If you forget your passwords you will need to contact the our Service Desk. Deletion or resetting of passwords is not covered by your warranty and a charge will be made for assistance.

Using the security lock (cradle only)

Your cradle (optional) is equipped with a security device for a Kensington lock cable. You can use the Kensington lock cable, a sturdy steel cable, to protect your cradle against theft. The Kensington lock cable is available as an accessory.



► Fit the Kensington lock cable to the device on your cradle.

Configuring password protection in BIOS Setup Utility

Before using the various options for password protection in the *BIOS Setup utility* to increase data security, please observe the following:

Make a note of the passwords and keep them in a safe place. If you forget your supervisor password you will not be able to access your Tablet PC. Deletion of the password is not covered by your warranty and a charge will be made for assistance.

Your password can be up to 32 characters long and can contain letters, numbers and special characters. A distinction is made between upper and lower case.

When using special characters, please keep in mind that they depend on the country version of the attached keyboard.

Protecting BIOS Setup Utility (supervisor and user password)

If you have opened these operating instructions on the screen, we recommend that you print them out. You cannot call the instructions onto the screen while you are setting up the password.

The supervisor password and the user password both prevent unauthorised use of the *BIOS Setup Utility*. With the aid of the supervisor password you can access all of the functions of the *BIOS Setup Utility*, while the user password will only give you access to some of the functions. You can only set up a user password if a supervisor password has already been assigned.

Please refer to section "Settings in BIOS Setup Utility", Page 66 for a description of how to call up and operate the *BIOS-Setup-Utility*.

Setting supervisor and user password

- ► Start the *BIOS Setup Utility* and go to the *Security* menu.
- ► Select the *Set Supervisor Password* field and press the Enter key.
- ↳ With *Enter new Password*: you are asked to enter a password.
- ► Enter the password and press the Enter key.
- ↳ *Confirm new Password* requires you to confirm the password.
- ► Enter the password again and press the Enter key.
- ↳ *Changes have been saved* is a confirmation that the new password has been saved.
- ► To set the user password, select *Set User Password* and proceed exactly as when configuring the supervisor password.
- ↳ If you do not want to change any other settings, you can exit *BIOS Setup Utility*.
- ► In the *Exit* menu, select the option *Save Changes & Exit*.
- ► Select *Yes* and press the Enter key.
- ↳ The Tablet PC is rebooted and the new password is effective. It will now be necessary to first enter your supervisor or user password in order to open the *BIOS Setup Utility*. Please note that the user password only provides access to a few of the BIOS settings.

Changing the supervisor or user password

You can only change the supervisor password when you have logged into the *BIOS Setup Utility* with the supervisor password.

- ► Call the *BIOS Setup Utility* and go to the *Security* menu.
- ► When changing the password, proceed exactly as for password assignment.

Removing passwords

To remove a password (without setting a new password) perform the following steps:

► Start the *BIOS Setup Utility* and go to the *Security* menu.
► Highlight the *Set Supervisor Password* or *Set User Password* field and press the Enter key.
↳ You will be requested to enter the current password by the *Enter Current Password* prompt.
You will be requested to enter a new password by the *Enter New Password* prompt.
► Press the Enter key twice.
► In the *Exit* menu, select the option *Save Changes & Exit*.
► Select *Yes* and press the Enter key.
↳ The Tablet PC is rebooted and the password is cancelled.
Removing the supervisor password simultaneously deactivates the user password.

Password protection for booting of the operating system

With the supervisor password you have set in the *BIOS Setup Utility* (see section "Setting supervisor and user password", Page 55), you can also prevent starting of the operating system.

Activating system protection

► Start the *BIOS Setup Utility* and go to the *Security* menu.
► Select the *Password on Boot* option and press the Enter key.
► Select the desired option (*First Boot* or *Every Boot*) and press Enter
► Select the *Save Changes & Exit* option under *Exit*.
↳ The Tablet PC reboots. You will be prompted to enter your password (the supervisor password).

Deactivating system protection

► Start the *BIOS Setup Utility* and go to the *Security* menu.
► Select the *Password on Boot* option and press the Enter key.
► Select the *Disabled* option and press the Enter key.
↳ If you do not want to change any other settings, you can exit *BIOS Setup Utility*.
► Select the *Save Changes & Exit* option under *Exit*.
↳ The Tablet PC reboots. The system is no longer password-protected.

Password protection for the hard disk

The hard disk password prevents unauthorised access to the hard disk drives and is checked internally each time the system is booted. The prerequisite for this is that you have assigned at least the supervisor password.

Activating hard disk protection

► Call up the *BIOS Setup* and select the *Security* menu.
↳ If you have not assigned BIOS passwords yet, define the supervisor and the user password now, if desired (see "Security functions", Page 54).
► Mark the *Hard Disk Security* field and press the Enter key.
► In the *Drive0* area mark the *Set Master Password* field and press the Enter key.
↳ *Enter new Password* then appears and you are asked to enter a password.
► Enter the password and press the Enter key.
↳ *Confirm new Password* requires you to confirm the password.
► Enter the password again and press the Enter key.
↳ *Setup Notice: Changes have been saved* is displayed to confirm that the new password has been saved.

The field *Password Entry on Boot* is set to *Enabled* by default. You can exit the *BIOS Setup* once you have finished changing the settings.

► From the *Exit* menu, choose the option *Exit Saving Changes*.
► Press the Enter key and select *Yes*.
↳ The Table PC reboots and your hard disk is now protected with a password. The password prompt is enabled as soon as the Tablet PC has rebooted.

Deactivating hard disk protection

To cancel a password without setting a new one, proceed as follows:

► Call up the *BIOS Setup* and select the *Security* menu.
► Mark the *Hard Disk Security* field and press the Enter key.
► In the *Drive0* area mark the *Set Master Password* field and press the Enter key.
↳ You will be initially requested to enter the old password by the *Enter current Password* prompt.
You will then be requested to enter a new password by the *Enter new Password* prompt.
► After entering the password, press the Enter key three times.
► From the *Exit* menu, choose the option *Exit Saving Changes*.
► Press the Enter key and select *Yes*.
↳ The Tablet PC reboots and there is no longer any password protection for this hard disk.

Trusted Platform Module - TPM (depending on configuration)

To use the TPM, you **must** activate the TPM in the *BIOS Setup* before the software is installed. The condition for this is that you have assigned at least the supervisor password (see "Security functions", Page 54).

Enabling TPM

- Requirement: You have set a supervisor password, see "Security functions", Page 54.

► Call up the BIOS Setup and select the *Security* menu.

► Mark the *TPM Security Chip Setting* field and press the Enter key.

► Select *Enabled* to activate the TPM.

↳ Once you have activated the TPM the *Clear Security Chip* option appears.

Select *Clear Security Chip* to delete the holder in the TPM. By clicking on *Enabled*, all secret keys (e.g. SRK - Storage Root Keys, AIK - Attestation Identity Keys etc.) generated by applications are deleted.

Please note that you will then no longer be able to access the data you have encrypted with the keys based on that holder.

► In the *Exit* menu, choose the option *Exit Saving Changes*.

► Press the enter key and select *Yes*.

↳ The tablet PC restarts and the TPM is switched on after the reboot.

Disabling TPM

- Requirement: You have set a supervisor password, see "Security functions", Page 54.

► Call up the BIOS Setup and select the *Security* menu.

► Mark the *TPM Security Chip Setting* field and press the Enter key.

► Select *Disabled* to deactivate the TPM.

► From the *Exit* menu, choose the option *Exit Saving Changes*.

► Press the Enter key and select *Yes*.

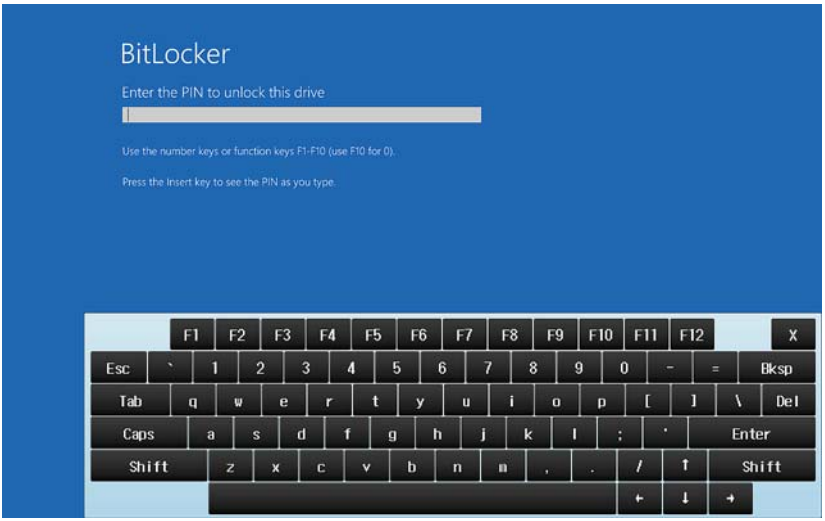
↳ The tablet PC is rebooted and the TPM is disabled.

Enable password entry using the on-screen keyboard (on-screen keyboard for BitLocker password)

If TPM is enabled, you can enable an OnScreen keyboard for the internal touchscreen in the BIOS Setup.

- ► Call BIOS Setup and select the *Advanced* menu.
- ► Mark *Boot Configurations* and press the enter key.
- ► From the *UEFI Boot On-Screen Keyboard Location* selection, choose the option *Lower Right* or *Upper Right*.
- ► In the *Exit* menu, choose the option *Exit Saving Changes*.
- ► Press the enter key and select *Yes*.
- ↳ The tablet PC is rebooted and the password dialogue is displayed.

  Tap on the password field to enable the on-screen keyboard.


BitLocker
Enter the PIN to unlock this drive
Use the number keys or function keys F1-F10 (use F10 for 0).
Press the Insert key to see the PIN as you type.
F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12
Esc Bksp
Tab Del
Caps Enter
Shift Shift

Connecting external devices

Under all circumstances, please observe the safety notes provided in the "Important notes", Page 12 chapter before connecting or disconnecting any devices to or from your Tablet PC.

Always read the documentation supplied with the device you wish to connect.

Never connect or disconnect cables during a thunderstorm.

Never pull at a cable when disconnecting it. Always grasp the plug.

With some devices, such as USB devices, it is not necessary to switch off the Tablet PC and the device before connecting/disconnecting. For more information about whether or not devices need to be switched off, please refer to the documentation supplied with the external device.

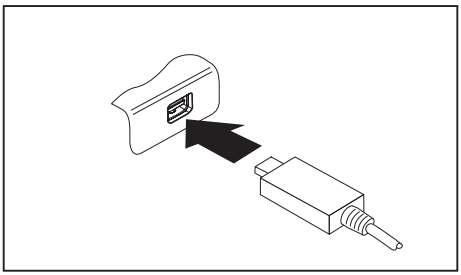
Some of the external devices require special drivers (see the operating system and external device documentation).

Connecting an external monitor

Information on screen resolution can be found in the section "Screen resolutions for integrated screen and external screens", Page 79.

Mini DisplayPort

The mini DisplayPort of the Tablet PC can be used to connect a monitor, LCD TV or a plasma TV with a corresponding port.



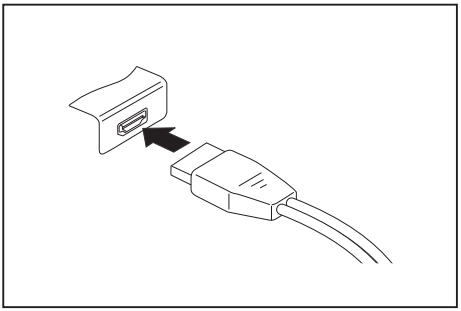
- ► Connect the data cable to the external device.
- ► Connect the data cable to the mini DisplayPort of the Tablet PC.

Some LCD televisions have only two loudspeaker connections and therefore cannot reproduce Dolby Digital or DTS. In order to reproduce the sound, you must go into *Windows* and adjust the sound settings.

► To do this, deactivate the *DTS Audio* and *Dolby Digital* settings in the control panel for the *Realtek HDMI Output*.

DisplayPort (cradle only)

The DisplayPort of the cradle can be used to connect a display, LCD TV or a plasma TV with an appropriate port. The screen output is limited to a maximum of two external screens at the same time.



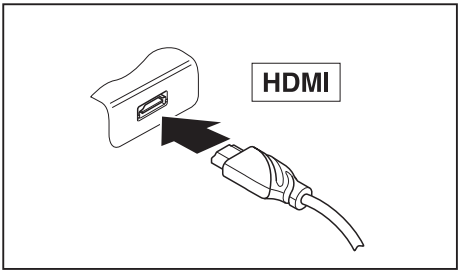
- ► Connect the data cable to the external device.
- ► Connect the data cable to the DisplayPort of the cradle.

Some LCD televisions have only two loudspeaker connections and therefore cannot reproduce Dolby Digital or DTS. In order to reproduce the sound, you must go into *Windows* and adjust the sound settings.

► To do this, deactivate the *DTS Audio* and *Dolby Digital* settings in the control panel for the *Realtek HDMI Output*.

HDMI port (cradle only)

The HDMI port of the cradle can be used to connect an external amplifier, LCD TV or a plasma TV with an HDMI port. The screen output is limited to a maximum of two external screens at the same time.



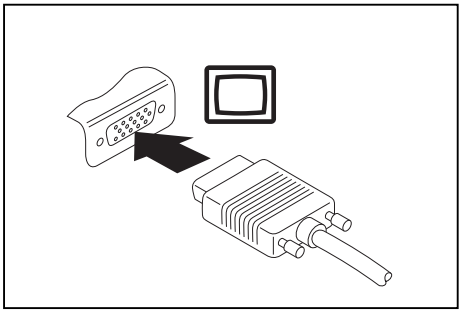
- ► Connect the data cable to the external device.
- ► Connect the data cable to the HDMI port of the cradle.

Some LCD televisions have only two loudspeaker ports and therefore cannot reproduce Dolby Digital or DTS. To play back HDMI sound, you must change the HDMI sound settings accordingly.

You can find the settings under *Control Panel - Hardware and Sound*. Deactivate the settings for DTS Audio and Dolby Digital to enable playback of HDMI sound.

VGA monitor port (cradle only)

An analogue monitor is connected to the analogue VGA monitor port. The screen output is limited to a maximum of two external screens at the same time.



- ► Switch off the Tablet PC and the external monitor.
- ► Plug the data cable of the external monitor into the monitor port.
- ► First switch on external monitor and then the Tablet PC.

You can also switch back and forth between the external monitor and the LCD screen of the Tablet PC, see "Touch screen", Page 24.

You can display the same picture on the external monitor and the LCD screen of the Tablet PC simultaneously.

Connecting USB devices

On the USB ports, you can connect external devices that also have a USB port (e.g. a DVD drive, a printer, a scanner or a modem).

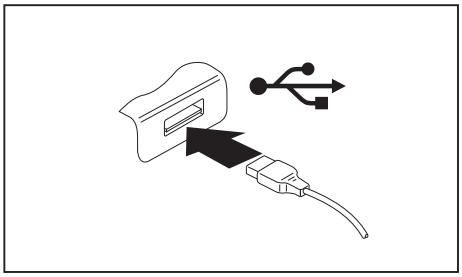
USB devices are hot-pluggable. This means you can connect and disconnect devices while your operating system is running.

USB 1.x has a maximum data transfer rate of 12 Mbit/s.

USB 2.0 has a data transfer rate of up to 480 Mbit/s.

USB 3.0 has a data transfer rate of up to 5 Gbit/s.

Additional information can be found in the documentation for the USB devices.



- ► Connect the data cable to the external device.
- ► Connect the data cable to the USB port of the Tablet PC.

or

- ► Connect the data cable to a USB port of the cradle.

Device drivers

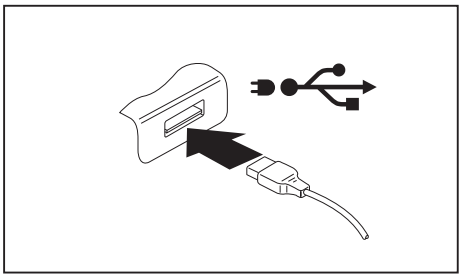
USB devices will be automatically recognised and installed by your operating system.

USB port with charging function (Anytime USB charge)

It is recommended that the Tablet PC is operated with the power supply connected whenever the USB port with charging function is in use, as the battery runtime is reduced if additional USB devices are being charged.

The power supply must already be connected when the Tablet PC is switched off, as otherwise the USB charging function will not be active and the connected USB devices will not be charged.

Some USB devices (e.g. mobile phones) need a driver to be able to use the USB charging function. In this case the USB charging function will not work when the Tablet PC is switched off, as no drivers are active when the Tablet PC is switched off.



You can use this USB port to charge or supply power to a connected USB device (e.g. to charge a PDA or a mobile phone or to connect a USB lamp).

Charging is also possible when the Tablet PC is switched off, if the *Anytime USB Charge* function is activated in the *Advanced* menu of the *BIOS Setup utility*. If the setting *AC* is selected thereby, the device will only be charged when the mains adapter is connected.

Please refer to section "Settings in BIOS Setup Utility", Page 66 for a description of how to call up and operate the *BIOS-Setup-Utility*.

How to remove USB devices correctly

Always correctly remove the device according to the rules described below, to ensure that none of your data is lost.

- ► Tap the symbol for safe removal of the hardware.
- ► Select the device which you want to shut down and remove.
- ► Tap *OK*.

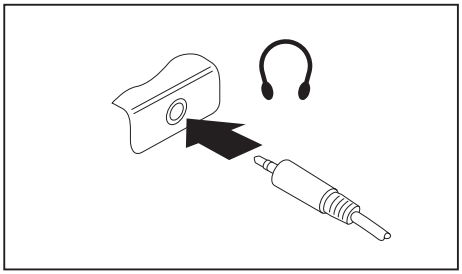
↳ Wait for the dialogue box which tells you that it is now safe to remove the device.

Connecting external audio devices

Your Tablet PC has a combined headphone and microphone port, your (optional) cradle has separate ports for headphones and a microphone.

Connecting headphones or other audio output devices

The combined headphone and microphone port of the Tablet PC or the headphone port of the cradle (optional) allows you to connect output devices such as headphones, external speakers, etc. to your Tablet PC.



- ► Connect the audio cable to the external device.
- ► Connect the audio cable to the combined headphone and microphone port of the Tablet PC or to the headphone port of the cradle (optional).
- ↳ The internal loudspeakers are disabled.

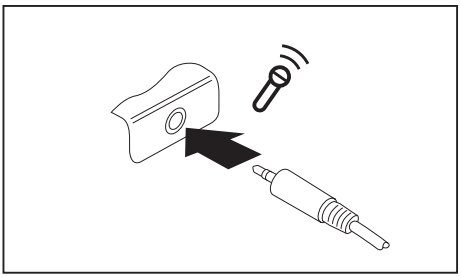
If you buy a cable from a retailer, please note the following information:

The combined headphone and microphone port on your tablet PC is a "3.5 mm jack socket".

If you want to connect headphones or a speaker you will need a "3.5 mm jack plug".

Connecting a microphone or other audio input devices

The combined headphone and microphone port of the Tablet PC or the microphone port of the cradle (optional) allows you to connect an external microphone, MiniDisc player, MP3 player, CD player or a tape deck to your Tablet PC.



- ► Connect the audio cable to the external device.
- ► Connect the audio cable to the combined headphone and microphone port of the Tablet PC or to the microphone port of the cradle (optional).

Settings in BIOS Setup Utility

To navigate more easily in the *BIOS Setup Utility*, you can use an external USB keyboard.

The *BIOS Setup Utility* allows you to set the system functions and the hardware configuration for the Tablet PC.

When it is delivered, the Tablet PC is set to factory default settings. You can change these settings in *BIOS Setup Utility*. Any changes you make take effect as soon as you save and exit the *BIOS Setup Utility*.

The *BIOS Setup Utility* program contains the following menus:

About	Displays information relating to the BIOS, processor and Tablet PC
System	Advanced system settings
Advanced	Configuration of various hardware components, such as mouse, keyboard, processor
Security	Password settings and security functions
Boot	Configuration of the start-up sequence
Exit	Exits the *BIOS Setup Utility*

Starting the BIOS Setup Utility

- ► Keep the volume up button pressed and switch the Tablet PC on.
- ► If a password has been assigned, enter the password and press the Enter key.

If you have forgotten the password, contact your system administrator or contact our customer service centre.

The *BIOS Setup Utility* starts.

Operating BIOS Setup Utility

Press the F1 key to display help on the operation of the *BIOS Setup Utility*. The description of the individual settings is shown in the right-hand window of the *BIOS Setup Utility*.

With the F9 key you can load the default settings of the *BIOS Setup Utility*.

- ► Use the cursor keys ← or → to select the menu you wish to access to make changes.
- ↳ The menu is displayed on the screen.
- ► Select the option you want to change with the cursor keys ↑ or ↓.
- ► Press the Enter key.
- ► Press the ESC key to exit the selected menu.
- ► For future reference, make a note of the changes you have made (for example, in this manual).

Exiting BIOS Setup Utility

You need to select the desired option in the *Exit* menu and activate it by pressing the Enter key:

Exit Saving Changes - save changes and exit BIOS Setup Utility

► To save the current menu settings and exit the *BIOS Setup Utility*, select *Exit Saving Changes* and *Yes*.

↳ The Tablet PC is rebooted and the new settings come into effect.

Exit Discarding Changes – Discard changes and exit BIOS Setup Utility

► To discard the changes, select *Exit Discarding Changes* and *Yes*.

↳ The settings in place when *BIOS Setup Utility* was called remain effective. The *BIOS Setup Utility* is terminated and the Tablet PC is rebooted.

Load Setup Defaults – Copy Standard Entries

► To copy the standard entries for all menus of the *BIOS Setup Utility*, choose *Load Setup Defaults* and *Yes*.

Discard Changes – Discard changes without exiting the BIOS Setup Utility

► To discard the changes you have made, select *Discard Changes* and *Yes*.

↳ The settings in place when *BIOS Setup Utility* was called remain effective. You can now make additional settings in the *BIOS Setup Utility*.

► If you want to exit*BIOS Setup Utility*with these settings, select *Exit Saving Changes* and *Yes*.

Save Changes - save changes without exiting the BIOS Setup Utility

► To save the changes, select *Save Changes* and *Yes*.

↳ The changes are saved. You can now make additional settings in the BIOS Setup Utility.

► If you want to exit BIOS Setup Utility with these settings, choose *Exit Saving Changes* and *Yes*.

Save Changes and Power Off

► To save the changes and switch off your device, select *Save Changes and Power Off* and *Yes*.

↳ The changes are saved. Your device is shut down.

Troubleshooting and tips

Follow the safety notes in the "Safety/Regulations" manual when connecting or disconnecting cables.

If a fault occurs, try to correct it as described. If you fail to correct the problem, proceed as follows:

- ► Make a note of the steps and the circumstances that led to the fault. Also make a note of any error messages displayed.
- ► Switch the Tablet PC off.
- ► Please contact the Hotline/Service Desk.

You can find the telephone numbers in the service desk list. Please have the following information ready when you call:

- The model name and serial number of the Tablet PC. The serial number is located on a sticker on the underside of the Tablet PC.
- Notes of any messages that appear on the screen and information on acoustic signals.
- Any changes you have made to the hardware or software after receiving the Tablet PC.
- Any changes you have made to the *BIOS Setup* settings after receiving the Tablet PC.
- Your system configuration and all peripheral devices connected to your system.
- Your sales contract.

Our Tablet PCs have been designed primarily with mobile applications in mind. This means that considerable effort has been made to optimise components and equipment in terms of weight, space and energy requirements. Depending on the particular configuration you have purchased, it is possible that functionality may be slightly reduced compared to a desktop PC if you are running processor-intensive gaming software, e.g. games with intensive 3D graphics. Updating your hardware with drivers which have not been approved by Fujitsu Technology Solutions may result in performance losses, data losses or malfunction of the equipment. A list of approved drivers and current BIOS versions can be downloaded from: "http://support.ts.fujitsu.com/Download/Index.asp"

Executing a reset

If the device no longer responds to your inputs, select one of the following options:

Forced shut down

► Keep the ON/OFF button pressed for at least 4 seconds.
↳ The device will shut down. You can then restart it.

Carry out a system or battery reset

If the device does not respond, first try to force the shutdown, as described in the previous section.

► Disconnect the mains adapter from the device.

On the rear side of the device you can find a small hole.

► Use a small pointed tool with caution to press the reset button below this hole.
↳ The device performs a reset, comparable to removing the battery. You can then restart it.

Help if problems occur

Should you encounter a problem with your computer that you cannot resolve yourself:

► Note the ID number of your device. The ID number is found on the type rating plate on the back or underside of the casing.
► For further clarification of the problem, contact the Service Desk for your country (see the Service Desk list or visit the Internet at "http://support.ts.fujitsu.com/contact/servicedesk/ServiceDeskNumber_Int.asp"). When you do this, please have ready the ID number and serial number of your system.

The Tablet PC's date or time is incorrect

Cause	Troubleshooting
Time and date are incorrect.	► With the *BIOS-Setup-Utility*, you can set the date and time in the *main* menu.
Date and time are still set incorrectly after switching on the Tablet PC.	► Please contact your sales outlet or our Hotline/Service Desk.

Battery charging indicator not lit

Cause	Fault elimination
The battery is not being charged.	► Connect the Tablet PC to a mains outlet using the mains adapter. **Note:** The battery will only be charged again when the battery capacity is less than 90%.

The Tablet PC's touchscreen remains dark

Cause	Troubleshooting
Touchscreen is switched off.	► Press a key (external keyboard) or tap on the touchscreen.
External monitor or television set connected.	► Check whether the graphics driver settings are correct or whether an external monitor has been detected in "Intel Graphics Media Accelerator Driver for mobile".

The display on the Tablet PC's touchscreen is difficult to read.

Cause	Troubleshooting
Reflected glare	► Move the Tablet PC into a different position. ► Increase the brightness of the screen.

The external monitor remains blank

Cause	Troubleshooting
Monitor is switched off.	► Switch the external monitor on.
Power saving has been activated (monitor is blank).	► Press a key (external keyboard) or tap on the touchscreen.
Brightness is set to dark.	► Adjust the brightness of the monitor.
Screen output is set on the Tablet PC's touchscreen.	► Check whether the graphics driver settings are correct or whether an external monitor has been detected in "Intel Graphics Media Accelerator Driver for mobile".
The external monitor's power cable or data cable is not connected properly.	► Switch off the Tablet PC and the external monitor. ► Check whether the power cable is plugged properly into the external monitor and into the power socket. ► Check whether the data cable is properly connected to the Tablet PC and the external monitor (if it is plugged in with a connector). ► Switch on the Tablet PC and the external monitor.

The external monitor is blank or the image is unstable

Cause	Troubleshooting
The wrong external monitor has been selected or the wrong screen resolution has been set for the application program.	► Terminate the application program in Windows. If the error persists after terminating the program, use the key combination for switching the screen output in order to switch to the touchscreen of the tablet PC. Change the following setting: ► Set the screen resolution: Set the screen resolution as described in the documentation for your operating system. ► Select monitor: Select monitor 1 or 2 as described in the documentation for your operating system.

The cursor does not correctly follow the pen movements

Cause	Fault elimination
Pen incorrectly calibrated	► Calibrate the pen as described in chapters "Setting the pen", Page 28 and "Calibrating the pen", Page 28.

Pen input not working

Cause	Troubleshooting
Incorrect driver installed.	► If your device is one which can only be operated using the pen, install the driver for the standard model. **or** ► If your device is one which can be operated using the pen and by finger, install the driver for the "Dual Digitizer" model.
The pen is in sleep mode.	► Press the upper pen button to wake the pen from sleep mode.
The pen battery is completely discharged.	► Change the pen battery as described in chapters "Removing the pen battery", Page 29 and "Installing the pen battery", Page 29.

The Tablet PC does not start after switch on

Cause	Troubleshooting
The battery is dead.	► Charge the battery. **or** ► Connect the mains adapter to the Tablet PC.
The power adapter is not connected correctly.	► Check whether the mains adapter is connected correctly to the Tablet PC. ► Switch on the Tablet PC.

The Tablet PC stops working

Cause	Troubleshooting
The Tablet PC is in energy saving mode.	► Leave energy saving mode.
An application programme has caused the malfunction.	► Close the application program or restart the Tablet PC (by restarting the operating system or switching the device off and back on again).
The battery is dead.	► Charge the battery. **or** ► Connect the mains adapter to the Tablet PC.

The printer does not print

Cause	Troubleshooting
The printer is not switched on.	► Make sure that the printer is switched on and ready for operation (refer to the documentation supplied with the printer).
The printer is not connected correctly.	► Check that the data cable connecting the Table PC to the printer is properly connected.
The printer driver is faulty or not correctly installed, or it is the wrong printer driver.	► Check that the data cable connecting the Tablet PC to the printer is properly connected. ► Check whether the correct printer driver is loaded (refer to the printer documentation).

The wireless connection to a network does not work

Cause	Troubleshooting
The wireless component is disabled.	► Switch the wireless component on (see "Switching the wireless components on and off", Page 37).
The wireless component is enabled. Despite this, the wireless connection to a network does not work.	► Check whether the wireless connection is switched on via the software. ► Further information on using the wireless component can be found in the help files.

The battery discharges too quickly

Cause	Troubleshooting
The battery is either too hot or too cold. In this case the battery indicator flashes.	► Bring the Tablet PC up/down to a normal temperature again. ► If the operating time of the battery life is extremely short, the battery is probably too old. Replace battery if necessary.
You may have an application running that consumes a great deal of power due to frequent accessing of the hard disk or optical drive.	► Use the mains adapter as frequently as possible.
The maximum brightness may have been set for the screen.	► Reduce the brightness of the screen to lower energy consumption: You will find the setting under *Control Panel – Hardware and Sounds – Windows Mobility Center*.

Acoustic warnings

Cause	Troubleshooting
A beep sounds every few seconds. The battery is almost flat.	► Charge the battery.

Error messages on the screen

This section describes the error messages generated by the BIOS Setup. Error messages displayed by the operating system or programmes are described in the relevant documentation.

If the error message appears repeatedly, despite troubleshooting measures, please contact the place of purchase or our customer service centre.

Error message/cause	Resolution
CMOS battery bad If the error message occurs repeatedly, the buffer battery in the Tablet PC is flat.	► Contact your sales outlet or our customer service centre.
System CMOS checksum bad - default configuration used The system configuration information is incorrect.	► Switch off the Tablet PC. ► Switch on the Tablet PC. ► In the *BIOS Setup*, select the *Exit* menu. ► Select the entry *Load Setup Defaults*. ► Select *OK* and press the Enter key.
Extended memory failed at offset: xxxx Failing Bits: zzzz zzzz When testing the extended memory an error has resulted at the address xxxx.	► Contact your sales outlet or our customer service centre.
Failure Fixed Disk n The settings of the hard disk drive are incorrect.	► Start the *BIOS Setup* (*Primary Master* submenu) and select the correct settings.
Keyboard controller error	► Switch off your Tablet PC using the ON/OFF button. ► Wait 3 - 5 seconds and switch on the Tablet PC again.
Keyboard error	If you are using an external keyboard: ► Check the connection and reboot the Tablet PC.
nn Stuck key	► Make sure that no key is pressed.
Operating system not found	► Check in the *BIOS Setup* whether your hard disk has been set correctly. ► Make sure that the operating system is installed on the corresponding drive.

Error message/cause	Resolution
Operating system not found	► Check in the *BIOS Setup* whether your hard disk has been set correctly. ► Make sure that the operating system is installed on the corresponding drive.
Press <F1> to resume, <F2> to SETUP This error message appears if an error occurs during the self-test before starting the operating system.	► Press the volume up button to start the BIOS Setup. **or** ► If you use an external keyboard, press the F1 or F2 key on the keyboard.
Real time clock error	► Contact your sales outlet or our customer service centre.
nnnnK Shadow RAM failed at offset: xxxx Failing Bits: zzzz	► Contact your sales outlet or our customer service centre.
System battery is dead - Replace and run SETUP	► Contact your sales outlet or our customer service centre.
System cache error - Cache disabled	► Contact your sales outlet or our customer service centre.
System timer error	► Contact your sales outlet or our customer service centre.

Restoring the system under Windows 10

If necessary, you can reset your system to the original state of the hard disk.

► In Windows Start screen or Desktop, sweep with a finger from the right edge to open the *Action Centre*.
► Select *All settings*.
► Select *Update & security*.
► Select *Recovery*.
► Select according to your requirements from the options given.

Technical data

Tablet PC

General	
Processor	6. Generation Intel® Core™ processor family with vPro Technology (vPro depending on configuration)
Main memory (SO DIMM)	4 Gbyte/ 8 Gbyte DIMM onboard
Electrical data	
Safety regulations complied with	CE
Protection class	II
Maximum power consumption (when the Tablet PC is switched on, is connected to the magnetic keyboard and to the cradle, and the battery is being charged):	65 W
Touchscreen	
Size	12.5" Full HD Wide View
Resolution	1920 x 1080 / 16 million colours
Pixel class	II
Brightness control	12 levels
Technology	Wide-View High-Bright display with LED background lighting
Digitizer and glass panel	Dual digitizer with touch screen
Cameras	• Front: Full HD • Back: 5 megapixel, autofocus
Graphics card	
Chip	Intel® HD Graphics 520 (CPU integrated)
Maximum resolution on external display:	4096 x 2304
Dimensions	
Width x depth x height	319 x 201.3 x 9.5 mm 12.56 x 7.93 x 0.37 inches
Weight depending on configuration	from 890 g / 1.96 lbs
Input devices	
Tablet buttons	3 buttons
Pen (optional)	Pen with two buttons
Slots	
Memory card slot	1 x microSD
SIM card slot	1 x Micro-SIM
Ports	
Combined headphone and microphone port	3.5 mm stereo mini jack

Docking port	1 x for magnetic keyboard 1 x for cradle
Mini DisplayPort	1 x
USB (Universal Serial Bus)	1 x USB 3.0 (Anytime USB Charge)
Ambient conditions	
Environment class DIN IEC 721	7K1
Mechanism class DIN IEC 721	7M2
Operating temperature	5 °C .... 35 °C / 41 °F .... 95 °F
Transport temperature (2K2)	–15 °C .... 60 °C / 5 °F .... 140 °F

Screen resolutions for integrated screen and external screens

	Max. number of screens	Number of external screens	Inte-grated screen	Port on the Tablet PC	Ports on the cradle		
				Mini-Display-Port	HDMI	Display-Port	VGA
Only Tablet PC	2	1	1920x1080 @60Hz	4096x2304 @60Hz	-	-	-
Tablet PC and cradle	2	1		-	4096x2160 @24Hz 3840x2160 @30Hz 1920x1080 @60Hz	-	-
				-	-	4096x2304 @60Hz	-
				-	-	-	1920x1200 @60Hz
	3	2		4096x2304 @60Hz	4096x2160 @24Hz 3840x2160 @30Hz 1920x1080 @60Hz	-	-
				4096x2304 @60Hz	-	4096x2160 @24Hz	-
				4096x2304 @60Hz	-	-	1920x1080 @60Hz
				-	1920x1080 @60Hz	1920x1080 @60Hz	-
				-	1920x1080 @60Hz	-	1920x1080 @60Hz
				-	-	1920x1080 @60Hz	1920x1080 @60Hz

Rechargeable battery

You can find information on the batteries used in your device on the Internet at "http://www.fujitsu.com/fts/support/".

	4-cell lithium-ion rechargeable battery 4200 mAh
Rated voltage	7.8 V
Rated capacity	34 Wh

65 W mains adapter for the Tablet PC and cradle

Rated voltage	19 V
Max. rated current	3.42 A

An additional mains adapter or power cable can be ordered at any time.

Cradle (optional)

Electrical data	
Safety regulations complied with	CE
Protection class	II
Ports	
Headphone port	3.5 mm stereo mini jack
Microphone port	3.5 mm stereo mini jack
Docking port	50-pin
DisplayPort	1 x
HDMI port	1 x
VGA monitor port	1 x
Maximum resolution on an external monitor	• VGA: 1920 x 1200 • DisplayPort: 4096 x 2304 • HDMI: 4096 x 2160
USB (Universal Serial Bus)	2 x USB 3.0
LAN port	1 x
Security Lock device	1 x
Ambient conditions	
Environment class DIN IEC 721	7K1
Mechanism class DIN IEC 721	7M2
Operating temperature	5 °C .... 35 °C /41 °F .... 95 °F
Transport temperature	–15 °C .... 60 °C /5 °F .... 140 °F

Magnetic keyboard (optional)

Electrical data	
Safety regulations complied with	CE
Protection class	II
Ports	
Docking port	6-pin
Environmental conditions	
Environment class DIN IEC 721	7K1
Mechanism class DIN IEC 721	7M2
Operating temperature	5 °C .... 35 °C / 41 °F .... 95 °F
Temperature during transportation	–15 °C .... 60 °C / 5 °F .... 140 °F

Manufacturer’s notes

Disposal and recycling

You can find information on this subject on your Tablet PC or on our website ("http://www.fujitsu.com/fts/about/fts/environment-care/").

Declarations of Conformity

The "Declarations of Conformity" for the device can be found on the Internet at: "http://globalsp.ts.fujitsu.com/sites/certificates/default.aspx".

Fujitsu Technology Solutions hereby declares that your device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Electrical safety including ergonomic requirements (GS, depending on the device)

Please refer to the associated data sheet to establish whether the model variant of your device has GS certification. You can find further information on the Internet at "http://www.fujitsu.com/fts/products/computing/pc/tablets/datasheets".

Intended viewing distance	300 mm as a hand-held product. A monitor and a keyboard should be connected externally for use in an office.

CE marking

The shipped version of this device complies with the requirements of EC directives 2004/108/EC "Electromagnetic compatibility", 2006/95/EC "Low voltage directive", 2011/65/EU "RoHS directive" and 2009/125/EC "ecodesign directive" (from 20/04/2016: 2014/30/EC "Electromagnetic Compatibility" and 2014/35/EC "Low Voltage Directive").

CE marking for devices with wireless component

This equipment complies with the requirements of Directive 1999/5/EC of the European Parliament and Commission from 9 March, 1999 governing Radio and Telecommunications Equipment and mutual recognition of conformity.

CE nnnn (!) ; nnnn: For digits and exclamation mark (!), see label on the product.

The product complies with the legal limits for SAR in the EU.

You can find more information and declarations of conformity on the Internet at: "http://globalsp.ts.fujitsu.com/sites/certificates".

This equipment can be used in the following countries:

Belgium	Bulgaria	Denmark	Germany
Estonia	Finland	France	Greece
UK	Ireland	Iceland	Italy
Latvia	Liechtenstein	Lithuania	Luxembourg
Malta	Netherlands	Norway	Austria
Poland	Portugal	Rumania	Sweden
Switzerland	Slovakia	Slovenia	Spain
Czech Republic	Hungary	Cyprus	Croatia
Turkey			

Restrictions for use in France: Outdoor use of WLAN in 5 GHz band is not allowed.

Contact the corresponding government office in the respective country for current information on possible operating restrictions. If your country is not included in the list, then please contact the corresponding supervisory authority as to whether the use of this product is permitted in your country.

The CE conformity declaration covers accessories (e.g. mains adapters, batteries, cable adapters) and software (e.g. module drivers, module firmware and operating system). The software used and affecting compliance is purchased by the module vendors and is under their sole control.

Radio frequencies used

	RF module	Frequency band	Max. transmission power
1	BT	2400-2480 MHz	100 mW
2	NFC	13.56 MHz	20 mW
3	WLAN	2410-2480 MHz	100 mW
4	WLAN	5150-5350 MHz class 2	200 mW
5	WLAN	5470-5725 MHz class 1	1 W
6	GSM	850 MHz, 900 MHz	2 W
7	UMTS	1900 MHz, 1800 MHz	500 mW
8	LTE	2100 MHz, 2600 MHz	500 mW
9	LTE	850 MHz, 900 MHz	2 W

Other certification markings

Any other certification markings are listed in the "Manual Appendix - Additional Certifications" supplement.

If such markings are available, you can find the supplement on the Internet at "http://support.ts.fujitsu.com/Manuals/" with the Operating Manual for your device.

Regulatory notices

If there is no FCC logo and also no FCC ID on the device then this device is not approved by the Federal Communications Commission (FCC) of the USA. Although it is not explicitly forbidden to travel in the US trading area carrying this device, to avoid trouble at customs clearance, Fujitsu Technology Solutions GmbH recommends not to bring this device into the US trading area.

Regulatory information for Tablet PCs without radio device

NOTICE:

Changes or modifications not expressly approved by Fujitsu Technology Solutions could void this user’s authority to operate the equipment.

Notice to Users of Radio and Television

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to wireless communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet that is on a different circuit than the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

Notice to Users of the US Telephone Network

Your Tablet PC may be supplied with an internal modem which complies with Part 68 of the FCC rules. On this Tablet PC is a label that contains the FCC Registration Number and the Ringer Equivalence Number (REN) for this equipment among other information. If requested, the user must provide their telephone company with the following information:

1. The telephone number to which the Tablet PC is connected.
2. The Ringer Equivalence Number (REN) for this equipment.
3. The equipment requires a standard modular jack type USOC RJ-11C which is FCC Part 68 compliant.
4. The FCC Registration Number.

This equipment is designed to be connected to the telephone network or premises wiring using a standard modular jack type USOC RJ-11C which is FCC Part 68 compliant and a line cord between the modem and the telephone network with a minimum of 26AWG.

The REN is used to determine the number of devices that you may connect to your telephone line and still have all of those devices ring when your number is called. Too many devices on one line may result in failure to ring in response to an incoming call. In most, but not all, areas the sum of the RENs of all of the devices should not exceed five (5). To be certain of the number of devices you may connect to your line, as determined by the RENs, contact your local telephone company. If this equipment causes harm to the telephone network, your telephone company may discontinue your service temporarily. If possible, they will notify you in advance. If advance notice is not practical they will notify you as soon as possible. You will also be advised of your right to file a complaint with the FCC.

This fax modem also complies with fax branding requirements per FCC Part 68.

Your telephone company will probably ask you to disconnect this equipment from the telephone network until the problem is corrected and you are sure that the equipment is not malfunctioning. This equipment may not be used on coin-operated telephones provided by your telephone company. Connection to party lines is subject to state tariffs. Contact your state's public utility commission, public service commission or corporation commission for more information.

This equipment includes automatic dialing capability. When programming and/or making test calls to emergency numbers:

- Remain on the line and briefly explain to the dispatcher the reason for the call.
- Perform such activities in off-peak hours, such as early morning or late evening.

FCC rules prohibit the use of non-hearing aid compatible telephones in the following locations or applications:

- All public or semi-public coin-operated or credit card telephones.
- Elevators, highways, tunnels (automobile, subway, railroad or pedestrian) where a person with impaired hearing might be isolated in an emergency.
- Places where telephones are specifically installed to alert emergency authorities such as fire, police or medical assistance personnel.
- Hospital rooms, residential health care facilities, convalescent homes and prisons.
- Hotel, motel or apartment lobbies.
- Stores where telephones are used by patrons to order merchandise.

- Public transportation terminals where telephones are used to call taxis or to reserve lodging or rental cars.
- In hotel and motel rooms as at least ten percent of the rooms must contain hearing aid-compatible telephones or jacks for plug-in hearing aid compatible telephones which will be provided to hearing impaired customers on request.

DOC (Industry CANADA) notices

Notice to Users of Radio and Television

This Class B digital apparatus meets all requirements of Canadian Interference-Causing Equipment Regulations.

CET appareil numérique de la class B respecte toutes les exigence du Réglement sur le matérial brouilleur du Canada.

Notice to Users of the Canadian Telephone Network

NOTICE:

This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment. Before connecting this equipment to a telephone line the user should ensure that it is permissible to connect this equipment to the local telecommunication facilities. The user should be aware that compliance with the certification standards does not prevent service degradation in some situations.

Repairs to telecommunication equipment should be made by a Canadian authorised maintenance facility. Any repairs or alterations not expressly approved by Fujitsu or any equipment failures may give the telecommunication company cause to request the user to disconnect the equipment from the telephone line.

NOTICE:

The Ringer Equivalence Number (REN) for this terminal equipment is 0.0. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

CAUTION:

For safety, users should ensure that the electrical ground of the power utility, the telephone lines and the metallic water pipes are connected together. Users should NOT attempt to make such connections themselves but should contact the appropriate electric inspection authority or electrician. This may be particularly important in rural areas.

Avis Aux Utilisateurs Du Réseau Téléphonique Canadien

AVIS : Le présent matériel est conforme aux spécifications techniques d'Industrie Canada applicables au matériel terminal. Cette conformité est confirmée par le numéro d'enregistrement. Le sigle IC, placé devant le numéro d'enregistrement, signifie que l'enregistrement s'est effectué conformément à une déclaration de conformité et indique que les spécifications techniques d'Industrie Canada ont été respectées. Il n'implique pas qu'Industrie Canada a approuvé le matériel.

Avant de connecter cet équipement à une ligne téléphonique, l'utilisateur doit vérifier s'il est permis de connecter cet équipement aux installations de télécommunications locales. L'utilisateur est averti que même la conformité aux normes de certification ne peut dans certains cas empêcher la dégradation du service.

Les réparations de l'équipement de télécommunications doivent être effectuées par un service de maintenance agréé au Canada. Toute réparation ou modification, qui n'est pas expressément approuvée par Fujitsu, ou toute défaillance de l'équipement peut entraîner la compagnie de télécommunications à exiger que l'utilisateur déconnecte l'équipement de la ligne téléphonique.

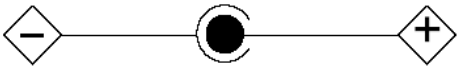
AVIS : L'indice d'équivalence de la sonnerie (IES) du présent matériel est de 0.0. L'IES assigné à chaque dispositif terminal indique le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

AVERTISSEMENT:

Pour assurer la sécurité, les utilisateurs doivent vérifier que la prise de terre du service d'électricité, les lignes télphoniques et les conduites d'eau métalliques sont connectées ensemble. Les utilisateurs NE doivent PAS tenter d'établir ces connexions eux-mêmes, mais doivent contacter les services d'inspection d'installations électriques appropriés ou un électricien. Ceci peut être particulièrement important en régions rurales.

UL Notice

This unit requires an AC adapter to operate. Only use a UL Listed Class 2 adapter. The correct output rating is indicated on the AC adapter label. Refer to the illustration below for the correct AC Adapter output polarity:



CAUTION:

To reduce the risk of fire, use only 26AWG or larger telecommunications line cord.

For Authorized Repair Technicians Only

CAUTION:

For continued protection against risk of fire, replace only with the same type and rating fuse.

WARNING:

Danger of explosion if Lithium (CMOS) battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.

Dispose of used batteries according to the manufacturer's instructions.

FCC Regulatory information for Tablet PCs with radio device

Federal Communications Commission statement

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of this device.

FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the distance between the equipment and the receiver.
3. Connect the equipment to an outlet on a circuit different from the one the receiver is connected to.
4. Consult the dealer or an experienced radio/TV technician for help.

Please note the following regulatory information related to the optional radio device.

FCC Radio Frequency Exposure statement

This radio device has been evaluated under FCC Bulletin OET 65C and found compliant with the requirements as set forth in CFR 47 Sections 2.1091, 2.1093, and 15.247 (b) (4) addressing RF Exposure from radio frequency devices. The radiated output power of this radio device is far below the FCC radio frequency exposure limits. Nevertheless, this device shall be used in such a manner that the potential for human contact during normal operation is minimized. When using this device, a certain separation distance between antenna and nearby persons must be maintained to ensure RF exposure compliance. In order to comply with RF exposure limits established in the ANSI C95.1 standards, the distance between the antennas and the user should not be less than 20 cm (8 inches).

Regulatory Notes and Statements

Radio device, health and authorisation for use

Radio-frequency electromagnetic energy is emitted from the radio devices. The energy levels of these emissions, however, are far much less than the electromagnetic energy emissions from radio devices such as mobile phones. radio devices are safe for use by consumers because they operate within the guidelines found in radio frequency safety standards and recommendations.

The use of the radio devices may be restricted in some situations or environments, such as:

- on board an airplane, or
- in an explosive environment, or
- in situations where the interference risk to other devices or services is perceived or identified as harmful.

In cases in which the policy regarding use of wireless devices in specific environments is not clear (e.g., airports, hospitals, chemical/oil/gas industrial plants, private buildings), obtain authorization to use these devices prior to operating the equipment.

Regulatory Information/Disclaimers

Installation and use of this radio device must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or television interference caused by unauthorized modification of this device, or the substitution or attachment of connecting cables and equipment other than those specified by the manufacturer. It is the responsibility of the user to correct any interference caused by such unauthorized modification, substitution or attachment. The manufacturer and its authorized resellers or distributors will assume no liability for any damage or violation of government regulations arising from failure to comply with these guidelines.

Export restrictions

This product or software contains encryption code which may not be exported or transferred from the US or Canada without an approved US Department of Commerce export license. This device complies with Part 15 of FCC Rules, as well as ICES 003 B / NMB 003 B. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesirable operation.

Modifications not expressly authorised by Fujitsu Technology Solutions may invalidate the user's right to operate this equipment.

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